



TECHNOPATH

CLINICAL DIAGNOSTICS

THE QUALITY CONTROL COMPANY



QUALITY

EFFICIENCY

SERVICE

PRODUCT
CATALOGUE

INDEPENDENT QUALITY CONTROLS | QC SOFTWARE | SERVICE



Technopath is part of LGC Clinical Diagnostics

Navigating **this Catalogue**

This interactive document is designed to provide quick and easy access to all product information, both in this catalogue and on our website, **www.technopathcd.com**.

Hyperlinks are provided throughout and are highlighted in **bold text**.

Other navigation tools include:

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Items on the Contents page link to their corresponding page.



The visit website icon links to the corresponding product web page.



Urine Chemistry Quality

The Technopath logo at the top of each page provides a quick link to **www.technopathcd.com**.



The menu icon on the side of each page links back to the contents page.



Link to product pages directly from the Product / Analyte Guide

Ordering **Products**

To order Technopath's Multichem[®] QC products, IAMQC[®] software solutions or other services please contact:

info@technopathcd.com or from USA, **info@technopathusa.com**.

Abbott customers, please order through your local Abbott distributor.

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Introduction



"Technopath Clinical Diagnostics mission is to provide clinical diagnostics solutions which positively impact the quality of people's lives by improving healthcare."

Technopath Clinical Diagnostics is a global leader in the development, manufacturing and delivery of high quality independent quality controls and QC data management software for the In-Vitro Diagnostics industry.

Our customers include hospitals, clinical laboratories, research facilities, CROs and blood banks in over 120 countries globally. Our partners equally are the leading innovators of clinical diagnostics instruments and systems and we collaborate with the most experienced academic institutions and reference laboratories in our research and development activities.

In February 2021, Technopath joined LGC Clinical Diagnostics, a leading in vitro diagnostic (IVD) manufacturer of clinical diagnostic quality solutions and test components to the extended life science industry. Focus sectors include Clinical Biochemistry, Serology, Molecular Diagnostics and Clinical Genomics. Technopath is now part of LGC Clinical Diagnostics.

Together we are committed to improving patient healthcare by offering products and services that support accurate and reliable diagnostic results.

Trusted Provider

Technopath is now valued as a single, trusted source that helps laboratories achieve their QC goals with a broad portfolio of QC products and comprehensive range of informatics solutions and support services.



Consolidated Controls, requiring fewer materials to cover assay range



Barcoded QC in primary tubes, driving efficiencies



Independent QC material facilitates meeting accreditation and regulatory guidelines, such as CLIA, CLSI, CAP, ISO and RiliBÄK.



Control materials targeted at clinical decision points helps improve clinicians' confidence in the validity of test results.



Human-based matrices provide patient-like performance to increase confidence in QC material results.



Large lot sizes and fewer lot changes, support continuity, efficiency and confidence in the QC process.



Automated results upload to IAMQC® Peer supported to efficiently fulfill accreditation requirements.



Customer Value

Consolidation

Our independent quality control materials incorporate a greater number of analytes, which enables extensive test menu consolidation. This in turn allows laboratories to simplify their inventory, reduce costs and improve efficiencies.

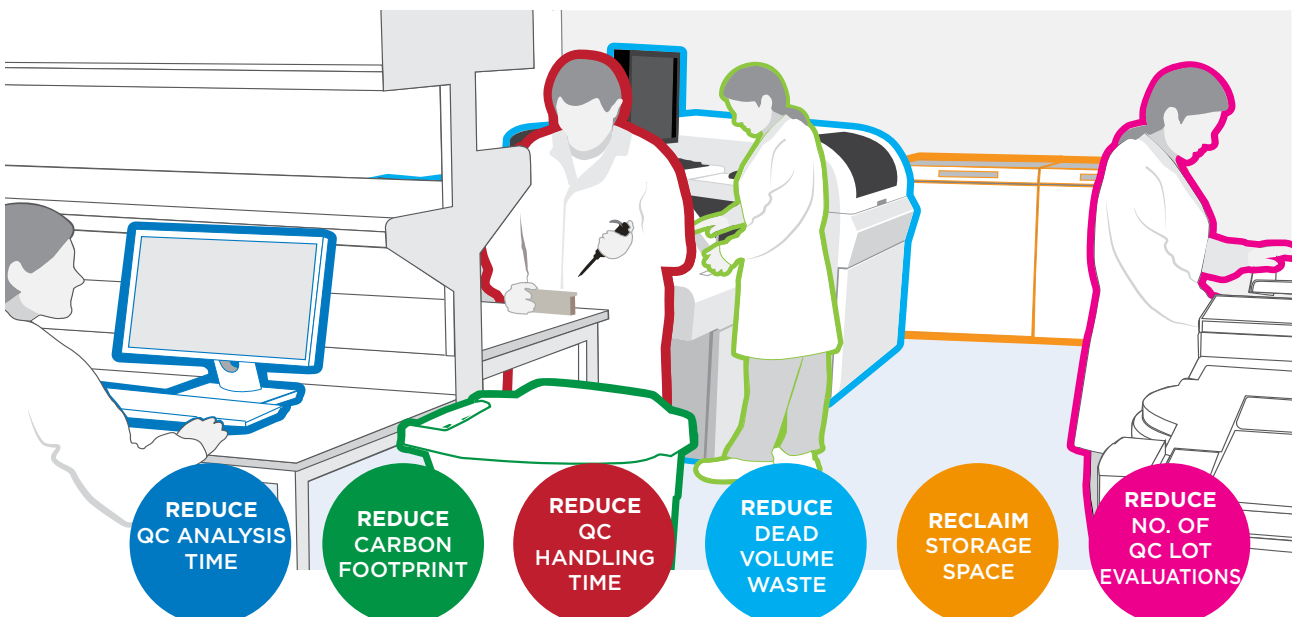


Our two flagship products, Multichem **IA Plus** and Multichem **S Plus**, contain more than 190 tests combined. These two products can replace up to 8 competitor products, driving significant efficiencies for laboratories.

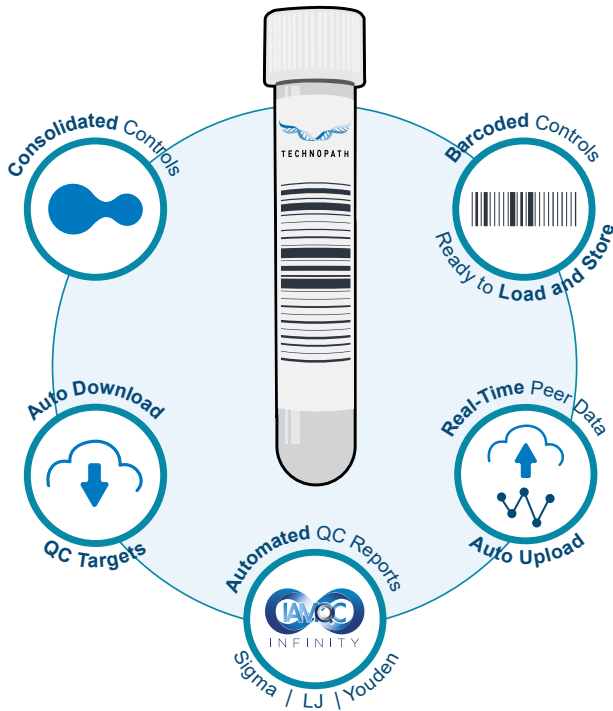
Technopath studies have shown that Multichem QC solution allows a laboratory to increase QC process efficiencies by:

- Reducing errors and improving Turn Around Time through reduced QC handling requirements.
- Eliminating wasted QC material by up to 75%*.
- Reducing QC storage by up to 80%* to help reclaim your inventory space.
- Reducing carbon footprint, consolidated products use fewer vials, which require less packaging.
- Powering automation of reporting and analysis of QC results and Peer comparison through our data management IAMQC software system.

Combine Multichem Consolidated QC with IAMQC® Data Management Solutions for optimal laboratory efficiencies



* Technopath study on file.



By utilising Multichem barcoded QC materials, laboratories can optimise their QC workflow and minimise handling errors. It is supported and complemented with IAMQC® Peer and Infinity, our data management systems.

Automated quality control processes

At Technopath, we continue to focus on innovating and developing the best and most efficient QC solutions for the modern laboratory.

Our range of barcoded consolidated quality controls combined with IAMQC® informatic software, offer unique work-flow automation. Depending on the analyser model, controls can be stored on-board and/or simply presented to the instrument for use. Our newest barcoded QC products can be recognised by the instrument, QC targets automatically downloaded to the instrument, and QC data automatically collected and reported in real-time*.

When using our most highly consolidated barcoded QC product, laboratories can experience real savings in storage and handling, reduced waste, reduced error and improved TAT (Turn-around-time).

Features of Automated QC efficiencies from Technopath

- Barcoded quality controls make loading faster and easier, thus minimising errors
- QC data automatically uploaded for Peer comparison
- QC target data automatically downloaded to the instrument*
- QC reports are automatically generated in IAMQC® and are available for review on demand
- Barcoded QC solutions available for several major platforms
- Multichem is the ONLY validated quality control material for on-board use on Abbott Alinity ci systems. On-board stability of Alinity controls is monitored by the system software

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



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.

Technopath Clinical Diagnostics is certified and has successfully achieved international regulatory market approvals for example:

- 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

Multichem is manufactured to the highest quality standards in our ISO 13485 accredited facility. 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 sourced directly from national blood banks. 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 Technopath a significant competitive advantage over key global competitors.

Service and Support

With pressures increasing on the laboratory to turn around fast, accurate patient results, at Technopath we know that a high quality service offering is critical to success with any product entering the laboratory.

Our focus is to deliver high quality service, as well as advanced technology solutions to facilitate the entire quality control process from end to end.

QC Data Management Support

Technopath supports laboratories in managing their QC data through software solutions and software training services.

Our latest generation in quality control data management software is IAMQC® Infinity. This informatic module supports Daily QC and features automatic generation of six sigma reports and reagent lot tracking.



Training and support for IAMQC software products is available for laboratories by contacting Technopath.

Education Services

Technopath Clinical Diagnostics provides a full suite of Quality Control training services supported by our training materials.

Our support team will guide you through the process of establishing your independent Quality Control programme as a critical part of your Internal Quality Control Process.

Whether you are just getting started or seeking to advance to six sigma verification within your laboratory, we have the solution to support your needs.

Supporting content, useful resources and reference materials are available through the **Knowledge Centre** on our website. It provides quick and easy



access to useful documents including:

- Guide to Reagent Lot Reports
- Technopath Guide to Running QC
- The importance of Independent QC
- Six Sigma Explained
- Uncertainty of Measurement Explained
- The Essentials of Quality Control

And many others including support and guidelines around current and future RiliBAK, IVDR and international standards requirements.

The Knowledge Centre is also home to 'My Technopath'. Use My Technopath to quickly link to IAMQC® Peer, access IFUs (Technical Library). For Abbott customers, XML files are also available.

Our series of **educational webinars** are also accessible through 'My Technopath'. Presented by key opinion leaders in the Quality Control industry, topics range from Six Sigma Reporting to Managing QC in a Pandemic, to the impact of IVDR on European laboratories.

Technopath has published two self-instructional QC workbooks. '**Basic Applications of Quality Control in the Clinical Laboratory**' and '**Advanced Applications of Quality Control in the Clinical Laboratory**'. By passing the self-assessment at the end of each workbook by 70%, participants in the USA can receive 3 P.A.C.E. credits.





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 in all countries (outside the USA), please contact:

qcsupport@technopathcd.com for Multichem quality control products.

qcsoftware@technopathcd.com for IAMQC data management solutions.

For support in the USA, please contact:

qcsupport@technopathusa.com for Multichem quality control products.

qcsoftware@technopathusa.com for IAMQC data management solutions.

Support Through Strategic Partnerships

Technopath products are used by over 13,000 leading clinical laboratories in over 120 countries globally. Our significant growth over the last number of years has been directly linked to the success of our valued partnerships. These long term global distribution agreements are with some of the world's largest IVD platform manufacturers, including Abbott Laboratories, Radiometer and Beckman Coulter.



In addition, we continue to grow our educational partnerships with leading organisations in the world of Quality Control.



Our partnership with Westgard QC ensures we can facilitate all customer education and training requirements for Clinical Chemistry QC, including the Sigma Verification Program.

Together with NRL Science of Quality (NRL), we deliver education and training in Serology QC backed by decades of experience and data.

Product / Analyte Guide

Analytes

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

	Multichem S Plus	Multichem S	Multichem IA Plus	Multichem IA	Multichem P	Multichem U	Multichem IA Speciality	Multichem NB	Multichem CSF	Multichem ATc Hemoglobin	Multichem AMH	Multichem D-Dimer	Multichem AE	Multichem hsTn	Multichem WBT	Multichem ID-B	Multichem ID-HIV p24*	Multichem ID-SeroNeg	Multichem ID-G*	Multichem ID-GNeg*	Multichem ID-COVID19 G	Multichem ID-COVID19 Neg
17 Hydroxyprogesterone			○	○																		
A																						
Acetaminophen	●	●	●	●																		
Acid Phosphatase	●	●																				
ACTH			●	●			●															
ADNase	○	○																				
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	○	○	○	○	○																	
Anti-HBc IgG															●			●	●	●		
Anti-HCV IgG															●			●	●	●		
Anti-HIV 1															●			●	●	●		
Anti-HTLV I IgG															●			●	●	●		
Antistreptolysin O	○	○			○																	
Anti-Treponema Pallidum IgG																●		●	●	●		
Anti-Thyroglobulin			●	●	○																	
Anti-Mullerian Hormone											●											
Antithrombin III	○	○			○																	
Anti-TPO			●	●																		
Apolipoprotein A1 (APO A1)	●	●				●																
Apolipoprotein B (APO B)	●	●				●																
AST	●	●																				
B																						
Beta-hydroxybutyrate Dehydrogenase	○	○																				
Beta-2-Microglobulin	●	●			●																	
Beta-HCG			●	●		●																
Bile Acids	●	●																				
Bilirubin, Direct	●	●						●														
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 (CO2)	●	●																				
CEA			●	●																		
Ceruloplasmin	●	●				●																
CH50 (Total hemolytic Complement)	○	○			○																	
Chloramphenicol			○	○																		
Chloride	●	●				●																
Cholesterol, HDL	●	●																				
Cholesterol, LDL	●	●																				
Cholesterol, Total	●	●																				
Cholinesterase (CHE)	●	●																				
Creatine Kinase (CK)	●	●																				
CK-MB	○	○	●	●																		
Copper	○	○																				
Cortisol	●	●	●	●		●																
C-Peptide			●	●																		

*Available Soon



Analytes

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

	Multichem S Plus	Multichem S	Multichem IA Plus	Multichem IA	Multichem P	Multichem U	Multichem IA Speciality	Multichem NB	Multichem CSF	Multichem A1c Hemoglobin	Multichem AMH	Multichem D-Dimer	Multichem AE	Multichem hsTn	Multichem WBT	Multichem ID-B	Multichem ID-HIV p24*	Multichem ID-SeroNeg	Multichem ID-G*	Multichem ID-GNeg*	Multichem ID-COVID19 G	Multichem ID-COVID19Neg
C-Reactive Protein	●					●																
CO2	●	●																				
Creatinine	●	●					●															
CRP, Ultra-sensitive				○	○																	
Cyclosporine				○	○											●						
Cystatin C	○	○				○																
D																						
D-Dimer												●										
DHEA Sulfate				●	●																	
Digoxin	●	●	●	●																		
Disopyramide				○	○																	
E																						
EPO				●	●																	
Estradiol				●	●																	
Estriol, Total				○	○																	
Estriol, Free				●	●																	
Estrogen, Total				○	○																	
Ethanol	●	●											●									
Ethosuximide				○	○																	
F																						
Ferritin	○	○	●	●	○																	
Folate				●	●																	
Fructosamine	○	○														○						
FSH				●	●																	
G																						
Gentamicin	●	●	●	●																		
GGT	●	●																				
Glucose	●	●				●			●							○						
H																						
Haptoglobin	●	●			●																	
HBsAg																●		●	●	●		
Hemopexin	○	○			○																	
HbA1c										●												
HIV 1 p24 Antigen*																	●	●				
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)	●	●							●													
Lambda Light Chain	○	○			○																	
LDH	●	●																				
LH				●	●																	
Lidocaine				○	○																	
Lipase	●	●																				
Lipoprotein (a)	○	○			○																	
Lithium	●	●	●	●																		
M																						
Magnesium	●	●				●																
Microalbumin						●																
Myoglobin				●	●																	
N																						
N-Acetyl-Procaïnamide (NAPA)				○	○																	
NT-proBNP	○	○	●	●																		
O																						
Osmolality	○	○				●																
Ostase				○	○																	
P																						
Phenobarbital	●	●	●	●																		
Phenytoin, Free				○	○																	
Phenytoin, Total	●	●	●	●																		
Phospholipids	○	○																				
Phosphorous	●	●				●																
Potassium	●	●				●																

*Available Soon

Analytes

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

	Multichem S Plus	Multichem S	Multichem IA Plus	Multichem IA	Multichem P	Multichem U	Multichem IA Speciality	Multichem NB	Multichem CSF	Multichem A1c Hemoglobin	Multichem AMH	Multichem D-Dimer	Multichem AE	Multichem hsTn	Multichem WBT	Multichem ID-B	Multichem ID-HIV p24*	Multichem ID-SeroNeg	Multichem ID-G*	Multichem ID-GNeg*	Multichem ID-COVID19 G	Multichem ID-COVID19Neg
Prealbumin	●	●				●																
Primidone				○	○																	
Procollagen type 1 (PINP)				○	○																	
Procainamide				○	○																	
Procalcitonin							●															
Progesterone				●	●																	
Prolactin				●	●																	
Properdin Factor B		○	○			○																
Prostatic Acid Phosphatase		○	○																			
Protein Electrophoresis		○	○																			
Protein, Total	●	●				○			●													
PSA, Free				●	●																	
PSA, Total				●	●																	
Pseudocholinesterase	●	●																				
PTH, Total				●	●																	
PTH, Intact				●	●		●															
Q																						
Quinidine				○	○																	
R																						
Renin				○	○																	
Retinol Binding Protein		○	○			○																
Rheumatoid Factor (RF)	●					●																
S																						
Salicylate	●	●	●	●																		
SARS-CoV-2 Positive																					●	
SARS-CoV-2 Negative																						●
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	○	○																				

*Available Soon

Sign up to our **newsletter** for the latest updates

Be one of the first to get the latest news and updates from Technopath Clinical Diagnostics straight to your inbox.

Sign up



Multichem® Chemistry Quality Controls

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 unrivaled test consolidation and offers increased stability. Together, these control characteristics offer greater quality control efficiencies without compromising compliance or confidence in patient results.

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 S	Assayed Single Level (Level 1)	15 x 10mL	CH101A
	Assayed Single Level (Level 2)	15 x 10mL	CH102A
	Assayed Single Level (Level 3)	15 x 10mL	CH103A
	Unassayed Single Level (Level 1)	15 x 10mL	CH101X
	Unassayed Single Level (Level 2)	15 x 10mL	CH102X
	Unassayed Single Level (Level 3)	15 x 10mL	CH103X
Multichem AE	Assayed Single Level (Level 1)	12 x 2mL	AE611A
	Assayed Single Level (Level 2)	12 x 2mL	AE612A
	Assayed Single Level (Level 3)	12 x 2mL	AE613A
	Unassayed Single Level (Level 1)	12 x 2mL	AE611X
	Unassayed Single Level (Level 2)	12 x 2mL	AE612X
	Unassayed Single Level (Level 3)	12 x 2mL	AE613X
	Assayed Bi-Level	2 x 6 x 2mL	AE600A
	Unassayed Bi-Level	2 x 6 x 2mL	AE600X
	Assayed Tri-Level	3 x 4 x 2mL	AE610A
	Unassayed Tri-Level	3 x 4 x 2mL	AE610X
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 for Architect c Distributed by Abbott Contact your local Abbott distributor to place an order.	Assayed Single Level (Level 1)	12 x 5mL	05P78-10
	Assayed Single Level (Level 2)	12 x 5mL	05P78-11
	Assayed Single Level (Level 3)	12 x 5mL	05P78-12
	Unassayed Single Level (Level 1)	12 x 5mL	05P79-10
	Unassayed Single Level (Level 2)	12 x 5mL	05P79-11
	Unassayed Single Level (Level 3)	12 x 5mL	05P79-12
Multichem S Plus for Alinity c Barcoded QC Distributed by Abbott Contact your local Abbott distributor to place an order.	Assayed Single Level (Level 1)	12 x 5mL	08P88-10
	Assayed Single Level (Level 2)	12 x 5mL	08P88-11
	Assayed Single Level (Level 3)	12 x 5mL	08P88-12
	Unassayed Single Level (Level 1)	12 x 5mL	08P87-10
	Unassayed Single Level (Level 2)	12 x 5mL	08P87-11
	Unassayed Single Level (Level 3)	12 x 5mL	08P87-12

Multichem® S Plus



Replace **up to four** competitor chemistry QC products with 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.

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

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

Corresponding Competitor Products



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*
CH50 (Total hemolytic Complement)*
Cystatin C*
Complement C3
Complement C4
Ceruloplasmin
C-Reactive Protein
Ferritin*
Haptoglobin
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® S



Features

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

Multichem **S** contains 102 analytes, but excludes CRP and RF, which are available in Multichem **S Plus**

Order Information

Multichem S Plus	Config.	Part Code
Assayed Single Level (Level 1)	15 x 10mL	CH101A
Assayed Single Level (Level 2)	15 x 10mL	CH102A
Assayed Single Level (Level 3)	15 x 10mL	CH103A
Unassayed Single Level (Level 1)	15 x 10mL	CH101X
Unassayed Single Level (Level 2)	15 x 10mL	CH102X
Unassayed Single Level (Level 3)	15 x 10mL	CH103X

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

Analyte List

Chemistry

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

Esoterics

ACE*
Bile Acids
Bilirubin, Indirect*
Caffeine*
Calcium, Ionized*
Copper*
Cortisol
Ethanol
Fructosamine*
NT-proBNP*
Osmolality*
Protein Electrophoresis*
Triiodothyronine, (Total T3)*
Thyroxine, (Total T4)
Troponin T*
Zinc*

Immunoproteins

Alpha-1-acid glycoprotein
Alpha-1 Antitrypsin
Alpha 2-macroglobulin*
Antistreptolysin O (ASO)*
ADNase B (Anti-Streptococcal DNase B)*
Antithrombin III*
Apolipoprotein A1 (APO A1)
Apolipoprotein B (APO B)
Beta -2 Microglobulin
C1 Inhibitor*
CH50 (Total hemolytic Complement)*
Cystatin C*
Complement C3
Complement C4
Ceruloplasmin
Ferritin*
Haptoglobin
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*
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 Kinase (CK)
CK-MB*
Gamma Glutamyltransferase
Lactate Dehydrogenase (LDH)
Lipase
Prostatic Acid Phosphatase*

Lipids

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

Therapeutic Drugs

Acetaminophen
Amikacin
Carbamazepine
Digoxin
Gentamicin
Lithium
Phenobarbital
Phenytoin
Salicylate
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.

Order Information

Multichem AE	Config.	Part Code
Assayed Single Level (Level 1)	12 x 2mL	AE611A
Assayed Single Level (Level 2)	12 x 2mL	AE612A
Assayed Single Level (Level 3)	12 x 2mL	AE613A
Unassayed Single Level (Level 1)	12 x 2mL	AE611X
Unassayed Single Level (Level 2)	12 x 2mL	AE612X
Unassayed Single Level (Level 3)	12 x 2mL	AE613X
Assayed Bi-Level	2 x 6 x 2mL	AE600A
Unassayed Bi-Level	2 x 6 x 2mL	AE600X
Assayed Tri-Level	3 x 4 x 2mL	AE610A
Unassayed Tri-Level	3 x 4 x 2mL	AE610X

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 **AE**, independent Ammonia and Ethanol QC, is suitable for use on all major platforms.

Analyte List

Ammonia
Ethanol



Multichem® CSF



Features

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

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

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.

Analyte List

Glucose
Lactate
IgG
Protein



Multichem® NB



Features

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

Order Information

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

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.

Analyte List



Chemistry

Bilirubin, Direct
Bilirubin, Total

Therapeutic Drugs

Caffeine*
Theophylline



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

Multichem® S Plus

Distributed by Abbott Diagnostics



Features

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

Order Information

Please order through your local Abbott distributor.

Multichem S Plus for ARCHITECT	Config.	Part Code
Assayed Single Level (Level 1)	12 x 5mL	05P78-10
Assayed Single Level (Level 2)	12 x 5mL	05P78-11
Assayed Single Level (Level 3)	12 x 5mL	05P78-12
Unassayed Single Level (Level 1)	12 x 5mL	05P79-10
Unassayed Single Level (Level 2)	12 x 5mL	05P79-11
Unassayed Single Level (Level 3)	12 x 5mL	05P79-12

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 **S Plus**, independent clinical chemistry QC, distributed by Abbott Diagnostics, will work on all Abbott platforms, but is value assigned for Architect systems only.

Analyte List



Acetaminophen	Cholesterol, LDL	Lipoprotein (a)*
Acid Phosphatase	Cholesterol, Total	Lithium
ADNase B (Anti-Streptococcal Dnase)*	Cholinesterase	Magnesium
Alanine Aminotransferase (ALT)	CK-MB*	NT-Pro BNP*
Albumin	Complement C3	Osmolality*
Alkaline Phosphatase (ALKP)	Complement C4	Phenobarbital
Alpha Hydroxybutyrate Dehydrogen*	Copper*	Phenytoin
Alpha-1-acid Glycoprotein (α1AGp, AGP or AAG)	Cortisol	Phospholipids*
Alpha-1 Antitrypsin	C-Reactive Protein	Phosphorus
Alpha-2-Macroglobulin*	Creatine Kinase (CK)	Potassium
Amikacin	Creatinine Enzymatic	Prealbumin
Amylase (Pancreatic)	Cystatin C*	Properdin Factor B*
Amylase (Total)	Digoxin	Prostatic Acid Phosphatase*
Angiotensin Converting Enzyme*	Ethanol	Protein Electrophoresis*
Anti-streptolysin O (ASO)*	Ferritin*	Protein, Total
Antithrombin III*	Fructosamine*	Retinol Binding Protein*
Apolipoprotein A1 (APO A1)	Gamma Glutamyltransferase	Rheumatoid Factor (RF)
Apolipoprotein B (APO B)	Gentamicin	Salicylate
Aspartate Aminotransferase (AST)	Glucose	Sodium
Beta Hydroxybutyrate Dehydrogenase*	Haptoglobin	sTfR (Soluble Transferrin Receptor)*
Beta-2 Microglobulin	Hemopexin*	Theophylline
Bile Acids	IgE*	Thyroxine, Total
Bilirubin Indirect*	IgG1, Subclass*	Tobramycin
Bilirubin, Direct	IgG2, Subclass*	Total Iron Binding Capacity*
Bilirubin, Total	IgG3, Subclass*	Transferrin
C1 Inhibitor*	IgG4, Subclass*	Triglycerides
Caffeine*	Immunoglobulin A	Triiodothyronine, Total (TT3)*
Calcium	Immunoglobulin G	Troponin T*
Calcium Ionized*	Immunoglobulin M	Unsaturated Iron Binding Capacity (UIBC)
Carbamazepine	Iron	Urea
Carbon Dioxide (Bicarbonate)	Kappa Light Chain*	Uric Acid
Ceruloplasmin	Lactate (Lactic acid)	Valproic Acid
CH50 (Total hemolytic Complement)*	Lactate Dehydrogenase (LDH)	Vancomycin
Chloride	Lambda Light Chain*	Zinc*
Cholesterol, HDL	Lipase	

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

Multichem® S Plus

Barcoded QC

Distributed by Abbott Diagnostics



Benefits

- On-board storage on the Alinity c system in a temperature controlled reagent carousel.
- Automatically runs directly from the vial at user-defined intervals.
- Barcoded vials make loading faster and easier - minimizing errors.
- On-board stability is monitored by the Alinity system software.

Features

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

Order Information

Please order through your local Abbott distributor.

Multichem S Plus for ALINITY	Config.	Part Code
Assayed Single Level (Level 1)	12 x 5mL	08P88-10
Assayed Single Level (Level 2)	12 x 5mL	08P88-11
Assayed Single Level (Level 3)	12 x 5mL	08P88-12
Unassayed Single Level (Level 1)	12 x 5mL	08P87-10
Unassayed Single Level (Level 2)	12 x 5mL	08P87-11
Unassayed Single Level (Level 3)	12 x 5mL	08P87-12

Specifications

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

Instruments

Barcoded Multichem S Plus, independent clinical chemistry QC, distributed by Abbott Diagnostics, is value assigned for Abbott Alinity c and Architect c series instruments.



Analyte List



Acetaminophen	Cholesterol, LDL	Lipoprotein (a)*
Acid Phosphatase	Cholesterol, Total	Lithium
ADNase B (Anti-Streptococcal Dnase)*	Cholinesterase	Magnesium
Alanine Aminotransferase (ALT)	CK-MB*	NT-proBNP*
Albumin	Complement C3	Osmolality*
Alkaline Phosphatase (ALKP)	Complement C4	Phenobarbital
Alpha-hydroxybutyrate Dehydrogenase (α-HBDH)*	Copper*	Phenytoin
Alpha-1-acid glycoprotein	Cortisol	Phospholipids*
Alpha-1 Antitrypsin	C-Reactive Protein	Phosphorus
Alpha 2-macroglobulin*	Creatine Kinase (CK)	Potassium
Amikacin	Creatinine Enzymatic	Prealbumin
Amylase (Pancreatic)	Cystatin C*	Properdin Factor B*
Amylase (Total)	Digoxin	Prostatic Acid Phosphatase*
Angiotensin Converting Enzyme*	Ethanol	Protein Electrophoresis*
Antistreptolysin O (ASO)*	Ferritin*	Protein, Total
Antithrombin III*	Fructosamine*	Retinol Binding Protein*
Apolipoprotein A1 (APO A1)	Gamma Glutamyltransferase	Rheumatoid Factor (RF)
Apolipoprotein B (APO B)	Gentamicin	Salicylate
Aspartate Aminotransferase (AST)	Glucose	Sodium
Beta-hydroxybutyrate Dehydrogenase*	Haptoglobin	sTfR (Soluble Transferrin Receptor)*
Beta-2 Microglobulin	Hemopexin*	Theophylline
Bile Acids	IgE*	Thyroxine, Total
Bilirubin Indirect*	IgG1, Subclass*	Tobramycin
Bilirubin, Direct	IgG2, Subclass*	Total Iron Binding Capacity*
Bilirubin, Total	IgG3, Subclass*	Transferrin
C1 Inhibitor*	IgG4, Subclass*	Triglycerides
Caffeine*	Immunoglobulin A	Triiodothyronine, Total (TT3)*
Calcium	Immunoglobulin G	Troponin T*
Calcium Ionized*	Immunoglobulin M	Unsaturated Iron Binding Capacity (UIBC)
Carbamazepine	Iron	Urea
Carbon Dioxide (Bicarbonate)	Kappa Light Chain*	Uric Acid
Ceruloplasmin	Lactate (Lactic acid)	Valproic Acid
CH50 (Total hemolytic Complement)*	Lactate Dehydrogenase (LDH)	Vancomycin
Chloride	Lambda Light Chain*	Zinc*
Cholesterol, HDL	Lipase	

*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.

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem P	Assayed Single Level Kit	12 x 3mL	SP41PA
	Unassayed Single Level Kit	12 x 3mL	SP40PX
Multichem P for Architect c Distributed By Abbott Contact your local Abbott distributor to place an order.	Assayed Single Level Kit	12 x 3mL	05P81-10
Multichem P for Alinity c Barcoded QC Distributed By Abbott Contact your local Abbott distributor to place an order.	Assayed Single Level Kit	12 x 3mL	08P90-10



Multichem® P



Order Information

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

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 P is suitable for use on all major platforms.

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.

Analyte List



Immunoproteins

Alpha-1-acid glycoprotein
 Alpha-1 Antitrypsin
 Alpha 2-macroglobulin*
 Antistreptolysin O (ASO)*
 ADNase B (Anti-Streptococcal Dnase)*
 Antithrombin III*
 Apolipoprotein A1 (APO A1)
 Apolipoprotein B (APO B)
 Beta -2 Microglobulin
 C1 Inhibitor*
 CH50 (Total hemolytic Complement)*
 Cystatin C*

Chemistry

Albumin*
 Angiotensin Converting Enzyme*
 Ceruloplasmin
 Complement C3
 Complement C4
 C-Reactive Protein
 Ferritin*
 Haptoglobin
 Hemopexin*
 IgE*
 IgG1, Subclass*
 IgG2, Subclass*
 IgG3, Subclass*

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

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



Multichem® P

Distributed by Abbott Diagnostics



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.

Order Information

Please order through your local Abbott distributor.

Multichem P for ARCHITECT	Config.	Part Code
Assayed Single Level	12 x 3mL	05P81-10

Specifications

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

Instruments

Multichem P, distributed by Abbott Diagnostics, is assayed for Abbott Architect c instruments.

Analyte List

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

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



Multichem® P

Barcoded QC
Distributed by Abbott Diagnostics



Benefits

- On-board storage on the Alinity c system in temperature controlled reagent carousel.
- Automatically run directly from the vial at user-defined intervals .
- Barcoded vials make loading faster and easier - minimizing errors.
- On-board stability is monitored by the Alinity system software.

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.

Order Information

Please order through your local Abbott distributor.

Multichem P for ALINITY	Config.	Part Code
Assayed Single Level	12 x 3mL	08P90-10

Specifications

- 30 month closed vial stability at -20°C to -80°C.
- 14 day open vial stability at 2°C to 8°C.
- 7 day on-board storage stability*.

Instruments

Barcoded Multichem P, distributed by Abbott Diagnostics, is assayed for Abbott Alinity and Architect c systems, and is value assigned for Alinity systems only.



Analyte List

Immunoproteins

- Alpha-1-acid glycoprotein
- Alpha-1 Antitrypsin
- Alpha 2-macroglobulin*
- Antistreptolysin O (ASO)*
- ADNase B (Anti-Streptococcal Dnase)*
- Antithrombin III*
- Apolipoprotein A1 (APO A1)
- Apolipoprotein B (APO B)
- Beta -2 Microglobulin
- C1 Inhibitor*
- CH50 (Total hemolytic Complement)*
- Cystatin C*

Chemistry Analytes

- Albumin*
- Angiotensin Converting Enzyme*
- Ceruloplasmin
- Complement C3
- Complement C4
- C-Reactive Protein
- Ferritin*
- Haptoglobin
- Hemopexin*
- IgE*
- IgG1, Subclass*
- IgG2, Subclass*
- IgG3, Subclass*

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

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



Multichem® Urine Chemistry Quality Controls

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.

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem U	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
Multichem U Distributed By Abbott Contact your local Abbott distributor to place an order.	Assayed Bi-Level Kit	2 x 6 x 5mL	05P80-10
Multichem U Alinity Barcoded QC Distributed By Abbott Contact your local Abbott distributor to place an order.	Assayed Bi-Level Kit	2 x 6 x 5mL	08P89-10

Multichem® U



- 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.

Features

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

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

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

Specifications



Multichem® U

Distributed by Abbott Diagnostics



Features

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

Order Information

Please order through your local Abbott distributor.

Multichem U	Config.	Part Code
Assayed Bi-Level	2 x 6 x 5mL	05P80-10

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**, distributed by Abbott Diagnostics, is assayed for Abbott Architect c series instruments.

Analyte List

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

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



Multichem® U

Barcoded QC
Distributed by Abbott Diagnostics



Benefits

- On-board storage on the Alinity c system in temperature controlled reagent carousel
- Automatically run directly from the vial at user-defined intervals.
- Barcoded vials make loading faster and easier - minimizing errors.
- On-board stability is monitored by the Alinity system software.

Features

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

Order Information

Please order through your local Abbott distributor.

Multichem U	Config.	Part Code
Assayed Bi-Level	2 x 6 x 5mL	08P89-10

Specifications

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

Instruments

Barcoded Multichem **U**, distributed by Abbott Diagnostics, is assayed for Abbott Alinity c and Architect c series instruments, and is value assigned for Alinity systems only.

Analyte List

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

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



Multichem® Immunoassay Quality Controls

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.

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	Assayed Tri-Level	3 x 4 x 5mL	IA300A
	Assayed Single Level (Level 1)	12 x 5mL	IA301A
	Assayed Single Level (Level 2)	12 x 5mL	IA302A
	Assayed Single Level (Level 3)	12 x 5mL	IA303A
	Unassayed Tri-Level	3 x 4 x 5mL	IA300X
	Unassayed Single Level (Level 1)	12 x 5mL	IA301X
	Unassayed Single Level (Level 2)	12 x 5mL	IA302X
	Unassayed Single Level (Level 3)	12 x 5mL	IA303X
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 for Architect i Distributed by Abbott Contact your local Abbott distributor to place an order.	Assayed Tri-Level	3 x 4 x 5mL	05P76-10
Multichem IA Plus for Architect and Alinity i Barcoded QC Distributed by Abbott Contact your local Abbott distributor to place an order.	Assayed Tri-Level	3 x 4 x 5mL	08P86-10

Multichem® IA Plus



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

Corresponding Competitor Products



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.

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

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 **IA Plus** is suitable for use on all major platforms.

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
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 (PINP)*

Reproductive/Fertility

DHEA Sulfate
Estril, Free
Estril, 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

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

Multichem® IA



Features

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

Multichem **IA** contains 83 analytes, but excludes tumour markers, which are available in Multichem **IA Plus**

Order Information

Multichem IA	Config.	Part Code
Assayed Tri-Level	3 x 4 x 5mL	IA300A
Assayed Single Level (Level 1)	12 x 5mL	IA301A
Assayed Single Level (Level 2)	12 x 5mL	IA302A
Assayed Single Level (Level 3)	12 x 5mL	IA303A
Unassayed Tri-Level	3 x 4 x 5mL	IA300X
Unassayed Single Level (Level 1)	12 x 5mL	IA301X
Unassayed Single Level (Level 2)	12 x 5mL	IA302X
Unassayed Single Level (Level 3)	12 x 5mL	IA303X

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 **IA** is suitable for use on all major platforms.

Analyte List

Cancer Markers

Alpha Fetoprotein
 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-Thyropoxidase
 Anti-Thyroglobulin
 Calcitonin
 Thyroglobulin
 Thyroid Stimulating Hormone
 Thyroxine Binding Globulin*
 Thyroxine, Free (FreeT4)
 Thyroxine, (Total T4)
 Triiodothyronine, Free (FreeT3)
 Triiodothyronine, (Total T3)
 T Uptake

Anaemia

Erythropoietin (EPO)
 Ferritin
 Folate
 Vitamin B12

Pituitary/Adrenal

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

Drugs

Acetaminophen
 Amikacin
 Caffeine*
 Carbamazepine
 Carbamazepine, Free*
 Chloramphenicol*
 Cyclosporine*
 Digoxin
 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 (PINP)*

Reproductive/Fertility

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

Diabetes

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

Esoteric

25 (OH) Vitamin D
 Homocysteine

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

Multichem® IA Speciality



Features

- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

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
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

Specifications

- 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.



Analyte List



BNP
PTH Intact
ACTH
Calcitonin
Procalcitonin

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

Multichem® IA Plus

Distributed by Abbott Diagnostics



Features

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

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 (1-32)
 CK-MB
 High Sensitive Troponin I
 Myoglobin
 NT-proBNP*
 Troponin I
 Troponin T*
 Ultrasensitive CRP*

Allergy

IgE

Thyroid

Anti-Thyropoxidase
 Anti-Thyroglobulin
 Calcitonin*
 Thyroglobulin*
 Thyroid Stimulating Hormone (TSH)
 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
 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) (1-84)
 Parathyroid Hormone (PTH) (1-84) (STAT)
 Procollagen type 1 amino-terminal propeptide (P1NP)*

Reproductive/Fertility

DHEA Sulfate
 Estriol, Free*
 Estriol, Total*
 Estrogen, Total*
 Estradiol
 Follicle Stimulating Hormone
 Human Chorionic Gonadotropin (hCG)
 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

Order Information

Please order through your local Abbott distributor.

Multichem IA Plus for ARCHITECT	Config.	Part Code
Assayed Tri-Level	3 x 4 x 5mL	05P76-10

Specifications

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

Instruments

Multichem **IA Plus**, distributed by Abbott Diagnostics, is assayed for Abbott Architect i series instruments.



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

Multichem® IA Plus

Barcoded QC
Distributed by Abbott Diagnostics



Features

- On-board storage on the Alinity i system in temperature controlled reagent carousel.
- Automatically run directly from the vial at user-defined intervals.
- Barcoded vials make loading faster and easier - minimizing errors.
- On-board stability is monitored by the Alinity system software.
- Human based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

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 (1-32)
CK-MB
High Sensitive Troponin I
Myoglobin
NT-proBNP
Troponin I
Troponin T*
Ultrasensitive CRP*

Allergy

IgE

Thyroid

Anti-Thyropoxidase
Anti-Thyroglobulin
Calcitonin*
Thyroglobulin*
Thyroid Stimulating Hormone (TSH)
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
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) (1-84)
Parathyroid Hormone (PTH) (1-84) (STAT)
Procollagen type 1 amino-terminal propeptide (P1NP)*

Reproductive/Fertility

DHEA Sulfate
Estril, Free*
Estril, Total*
Estrogen, Total*
Estradiol
Follicle Stimulating Hormone
Human Chorionic Gonadotropin (hCG)
17-Hydroxyprogesterone*
Luteinizing 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

Order Information

Please order through your local Abbott distributor.

Multichem IA Plus for Alinity	Config.	Part Code
Assayed Tri-Level	3 x 4 x 5mL	08P86-10

Specifications

- 28 month closed vial stability at -20°C to -80°C.
- 10 day open vial stability at 2°C to 8°C*.
- 5 day on-board storage stability*.

Instruments

Barcoded Multichem **IA Plus**, distributed by Abbott Diagnostics, is assayed for Abbott Alinity i and Architect i instruments, and is value assigned for Alinity systems only.



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

Multichem® Cardiac Quality Controls

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. This product 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.

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem hsTn	Assayed Single Level Kit	12 x 3mL	HS301A
	Unassayed Single Level Kit	12 x 3mL	HS301X
	Mini Kit - Unassayed Single Level	3 x 3mL	HS301MX
Multichem hsTn for Architect Distributed By Abbott	Assayed Single Level Kit	12 x 3mL	04W26-10

Multichem® hsTn



Features

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

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

Specifications

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

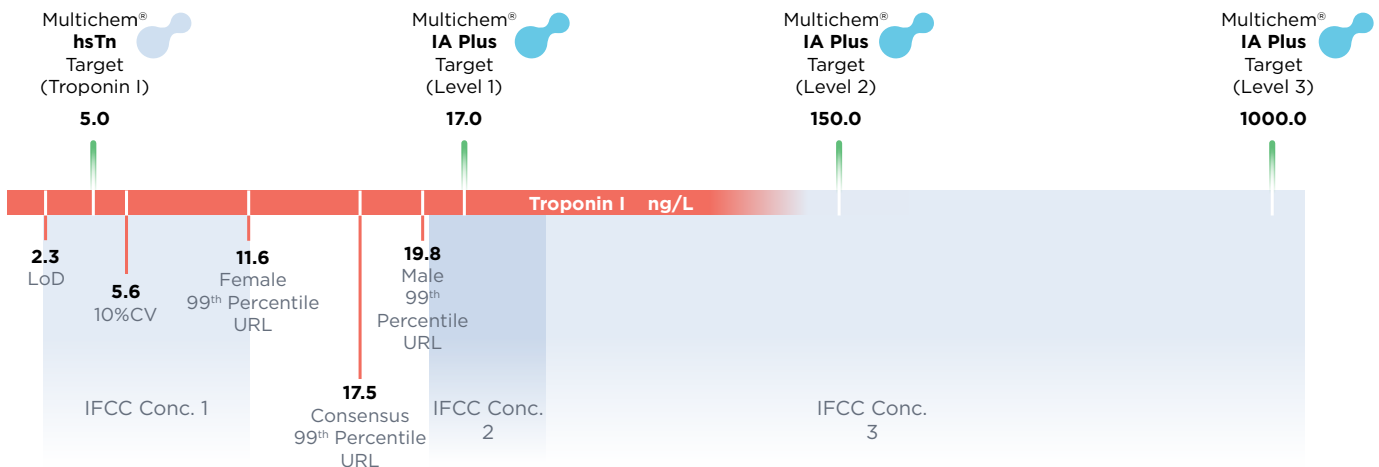
Instruments

Multichem **hsTn** is suitable for use on all major platforms.

Analyte List

Troponin I
Troponin T

Example of Multichem hsTn Targeted Concentration on a Sample Platform



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

Multichem® hsTn

Distributed by Abbott Diagnostics



Features

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

Order Information

Please order through your local Abbott distributor.

Multichem hsTn for ARCHITECT	Config.	Part Code
Assayed Single Level	12 x 3mL	04W26-10

Specifications

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

Instruments

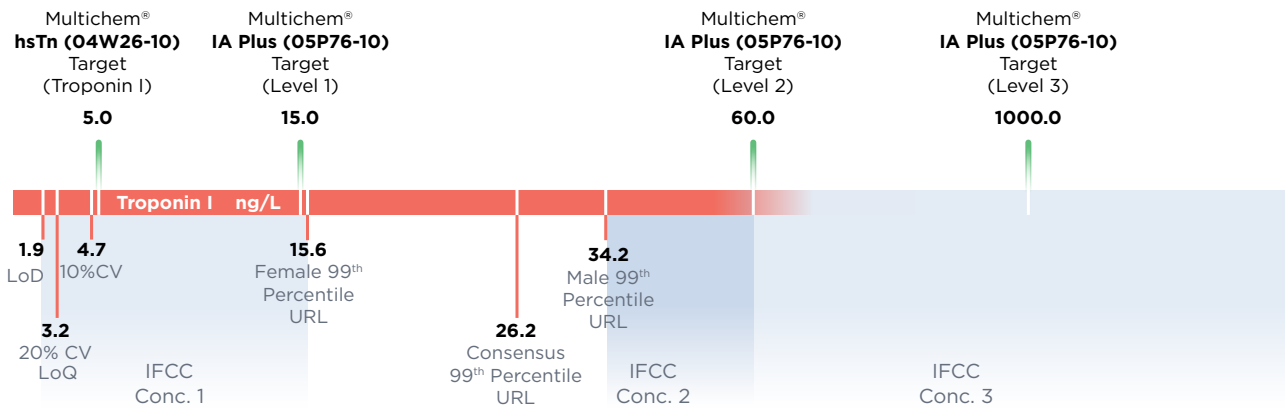
Multichem **hsTn**, distributed by Abbott Diagnostics, is assayed for Abbott Architect i instruments.

Analyte List

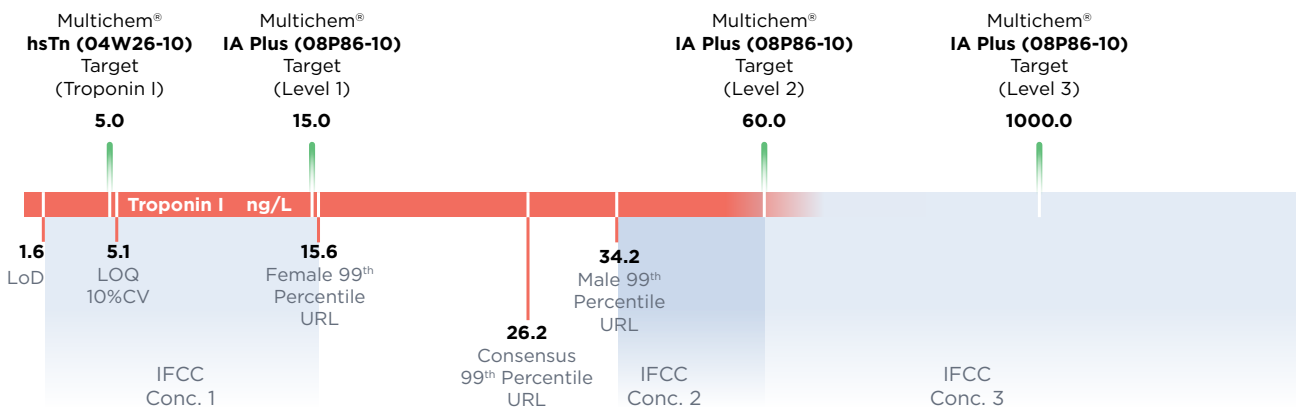
Troponin I



Abbott Architect STAT High Sensitive Troponin-I



Abbott Alinity i STAT High Sensitive Troponin-I



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

Multichem® Diabetes Quality Controls

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.

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem A1c	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
Multichem A1c for Architect Distributed By Abbott Contact your local Abbott distributor to place an order.	Assayed Bi-Level Kit	2 x 6 x 1mL	04V0610

Multichem® A1c



Features

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

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

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.

Analyte List

HbA1c



Multichem® A1c

Distributed by Abbott Diagnostics



Features

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

Order Information

Please order through your local Abbott distributor.

Multichem A1c for ARCHITECT & ALINITY	Config.	Part Code
Assayed Bi-Level	2 x 6 x 1mL	04V06-10

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**, distributed by Abbott Diagnostics, is assayed for Abbott Architect c4000, c8000 and Alinity c systems.

Analyte List

HbA1c



Multichem® Fertility Quality Controls

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.

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem AMH	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



Multichem® AMH



Features

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

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

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..

Analyte List

Anti-Müllerian Hormone





Multichem® Immunosuppressant Quality Controls

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. The full list of products available are shown below.

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem WBT	Assayed Tri-Level	3 x 4 x 2mL	WB000A
	Unassayed Tri-Level	3 x 4 x 2mL	WB000X
Multichem WBT Distributed By Abbott Contact your local Abbott distributor to place an order.	Assayed Tri-Level for Architect	3 x 4 x 2mL	05P77-10
	Assayed Tri-Level for Alinity	3 x 4 x 2mL	04S16-10

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

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

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

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.





Multichem® WBT

Distributed by Abbott Diagnostics



Features

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

Order Information

Multichem WBT	Config.	Part Code
Assayed Tri-Level for Architect	3 x 4 x 2mL	05P77-10
Assayed Tri-Level for Alinity	3 x 4 x 2mL	04S16-10

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**, distributed by Abbott Diagnostics, is assayed for Abbott Architect and Alinity systems.

Please order through your local Abbott distributor.

Analyte List

Cyclosporine
 Folate*
 Glucose*
 Sirolimus
 Tacrolimus

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



Multichem® Coagulation Quality Controls

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.

Order Information

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

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

Analyte List

D-Dimer



Multichem® ID Infectious Disease QC

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

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem ID-B	Multi-Analyte Positive Control	4 x 5mL	SR101B
Multichem ID-B Mini Kit	Multi-Analyte Positive Control	1 x 5mL	SR101MB
Multichem ID-HIV p24*	Positive Control	4 x 3mL	SR111U
Multichem ID-HIV p24 Mini Kit*	Positive Control	1 x 3mL	SR111MU
Multichem ID-SeroNeg	Negative Control	4 x 5mL	SR100N
Multichem ID-SeroNeg Mini Kit	Negative Control	1 x 5mL	SR100MN
Multichem ID-G*	Multi-Analyte Positive Control	4 x 4mL	SR102G
Multichem ID-G Mini Kit*	Multi-Analyte Positive Control	1 x 4mL	SR102MG
Multichem ID-GNeg*	Negative Control	4 x 4mL	SR102N
Multichem ID-GNeg Mini Kit*	Negative Control	1 x 4mL	SR102MN

*Available Soon

Powerful Infectious Disease QC Support with NRL Science of Quality

Technopath's partnership with NRL Science of Quality (NRL) combines our new range of third party quality control materials for infectious disease, Multichem® ID, with NRL's QConnect program. Technopath has further collaborated with NRL to provide an integrated cloud-based QC software program, utilizing the most advanced functionality available from Technopath's IAMQC® software and NRL's EDCNet software specifically designed for monitoring serology results.

QConnect Limits, developed by NRL, utilises historical data by determining expected upper and lower values of results for each QC sample/assay combination.

QConnect is your completely integrated and simplified QC solution. QConnect includes the



Multichem ID product range, results management and reporting through IAMQC and EDCNet, control limits, Uncertainty of Measurement (MoU) reports, troubleshooting and the ability to liaise with other users.

For a consolidated laboratory that is performing serology testing with chemistry and immunoassay testing, this means there is one user interface, IAMQC Peer, to access all peer data.

EDCNet is an internet-based software program specifically designed for monitoring both serology and NAT QC results. EDCNet allows for the simple collection, management and analysis of QC data in real-time. Technopath provides instant access to EDCNet via IAMQC Peer software. For more information visit our **informatics section**.

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

Order Information

Multichem ID-B	Config.	Part Code
Positive Control	4 x 5mL	SR101B
Positive Control Mini Kit	1 x 5mL	SR101MB

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>

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.

CE-MARKED ASSAYS APPROVED FOR USE IN THE EU:

Analyser Systems

Manufacturer	System	Assay Name
Abbott	Alinity i	Anti-HBc II
		Anti-HCV
		HBsAg Qualitative II
		HIV Ag/Ab Combo
		rHTLV I/II
Abbott	Alinity s	Syphilis TP
		Anti-HBc
		Anti-HCV
		HBsAg
		HIV Ag/Ab Combo
Abbott	Architect	HTLV I/II
		Syphilis
		Anti-HBc II CMIA
		Anti-HCV CMIA
		HBsAg Qualitative II CMIA
DiaSorin	Liaison	HIV Ag/Ab Combo CMIA
		rHTLV-I/II CMIA
DiaSorin	Liaison XI Murex	Syphilis TP CMIA
		Anti-HBc CLIA
		Treponema Screen CLIA
		HBsAg Quant CLIA
DiaSorin	Liaison XI Murex	HCV Ab CLIA
		HIV Ab/Ag CLIA
		recHTLV-I/II CLIA



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

Multichem® ID-HIV p24



Available
Soon

Features

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

Order Information

Multichem ID-HIV p24*	Config.	Part Code
Positive Control*	4 x 3mL	SR111U
Positive Control Mini Kit*	1 x 3mL	SR111MU

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>

Positive For:

HIV 1 p24 Antigen

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 tubes for ease of use
- Technical and Scientific support

Order Information

Multichem ID-SeroNeg	Config.	Part Code
Negative Control	4 x 5mL	SR100N
Negative Control Mini Kit	1 x 5mL	SR100MN

Specifications

- 36 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>

Negative For:

Anti-HIV-1 IgG
 Anti-HCV IgG
 Anti-HBc IgG
 HBsAg
 Anti-HTLV-I IgG
 Anti-Treponema Pallidum IgG
 HIV 1 p24 Antigen*

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.

*Available Soon



Multichem® ID-G



Features

- Ready to use liquid stable controls
- Manufactured using native human plasma
- Direct sampling from control tubes
- Technical and Scientific support
- **NEW Script Zone** for laboratory product management

Order Information

Multichem ID-G*	Config.	Part Code
Positive Control*	4 x 4mL	SR102G
Positive Control Mini Kit*	1 x 4mL	SR102MG

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>

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.

CE-MARKED ASSAYS APPROVED FOR USE IN THE EU:

Analyser Systems

Manufacturer	System	Assay Name
ROCHE	Cobas E601	Elecsys HIV Combi PT
		Elecsys Anti-HCV II
		Elecsys Anti-HBc II
		Elecsys HBsAg II
		Elecsys HTLV-I/II
		Elecsys Syphilis

*Available Soon

Multichem® ID-GNeg



Features

- Ready to use liquid stable controls
- Manufactured using native human plasma
- Direct sampling from control tubes
- Technical and Scientific support
- **NEW Script Zone** for laboratory product management

Order Information

Multichem ID-GNeg*	Config.	Part Code
Negative Control*	4 x 4mL	SR102N
Negative Control Mini Kit*	1 x 4mL	SR102MN

Specifications

- 36 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>

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.

*Available Soon



Streamline your QC process further with the

NEW script zone!

available on **ID-G** and **ID-GNeg** tubes.
 Eliminate the need to add separate open-date, expiry and initials labels to QC tubes!

Multichem® COVID-19 QC

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

Order Information

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

For further information see Instructions For Use.

Specifications

- 12 month closed vial stability for CVG200P* at 2°C to 8°C.
- 12 month closed vial stability for CVG300P* at 2°C to 8°C.
- 21 day open vial stability at 2°C to 8°C.

Instruments

For information on instruments, please choose your country-specific Instructions for Use:
<https://eifu.technopathcd.com/>

Positive for:

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

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.

* Lot Specific

Multichem® ID-COVID19Neg



Features

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

Order Information

Multichem ID-COVID19Neg	Config.	Part Code
Negative Control	4 x 4mL	CVN200N

For further information see Instructions For Use.

Specifications

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

Instruments

For information on instruments, please choose your country-specific Instructions for Use:
<https://eifu.technopathcd.com/>

Negative for:

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

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.

* Lot Specific



IAMQC® QC Software 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.
IAMQC Peer	Real-time peer cloud-based comparison software	Worldwide: qcsoftware@technopathcd.com
IAMQC Transfer	Advanced connectivity solution for laboratories	USA: qcsoftware@technopathusa.com

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. Our combination of modules satisfy the varying levels of QC requirements in individual laboratories and are easily tailored to meet different QC management expectations.

Technopath's full suite of software products provide clinical laboratories with significant cost and time savings, whilst delivering higher confidence in analytical testing methods. Choose from Intranet and/or Internet based statistical quality control and quality assurance software products. 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.

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.



IAMQC® Infinity



Next Generation Solutions

IAMQC Infinity is a powerful cloud based software, designed to meet your QC solution needs.

Incorporating the functions necessary for the laboratory to manage their daily QC data on a SaaS solution with an easy to use and intuitive user interface.

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 are easily tailored to meet different QC management expectations - IAMQC Infinity provides the customer with the ability to build their own QC solution. IAMQC Infinity provides clinical laboratories with significant cost and time savings, whilst delivering higher confidence in analytical testing methods.

IAMQC Infinity is a powerful cloud based software, which is feature rich, responding to your custom QC solution needs.

Order Information

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

Worldwide: qcsoftware@technopathcd.com
 USA: qcsoftware@technopathusa.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



Order Information

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

Worldwide: qcsoftware@technopathcd.com
USA: qcsoftware@technopathusa.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	✓

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:

"The laboratory shall participate in interlaboratory comparison programme(s) ..." - ISO 15189:2012(E), Subclause 5.6.3.1.

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 tests 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.

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 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 any one of our powerful IAMQC software packages; IAMQC Peer, IAMQC Daily, IAMQC Expert or IAMQC Proficiency Testing module. By combining software and hardware elements, we can eliminate the requirement for additional PCs or servers. A plug-and-play set up, combined with over 200 available connectivity options ensure an un-matched level of flexibility – all within an incredibly small, seamless enclosure.

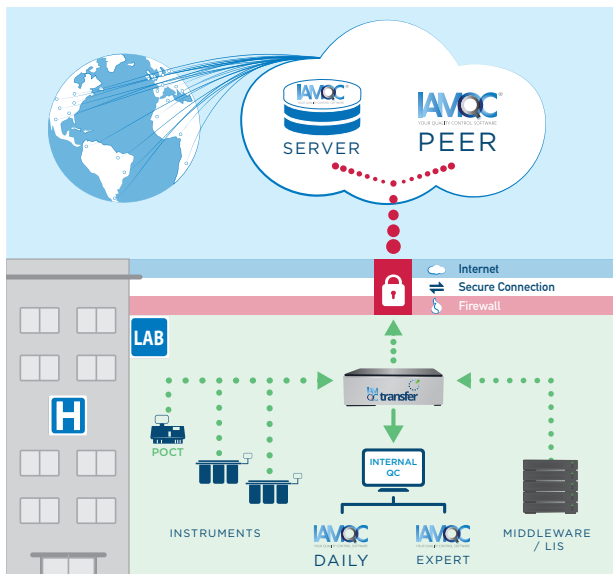
IAMQC® Transfer



Order Information

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

qcsoftware@technopathcd.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	✓

IVD Raw Materials

High Quality “Off-the-Shelf” and Custom IVD Raw Materials

At Technopath we understand and appreciate the complexity of single and multi-analyte quality control, PT sample, calibrator and reagent manufacturing.

By applying our expertise in multi-analyte quality control manufacturing to the development of our IVD Raw Materials it allows us to take an end-to-end view of the entire production process. This means we do not just consider the elements that our team is responsible for during the production of the material, but also the aspects that our customers intend to perform.

The benefit of this approach is that by working closely with our customers, we can eliminate duplication of effort and provide tailored solutions that are not available elsewhere.



Our most popular products

for a more extensive list, please contact us ivdsupport@technopathcd.com

PRODUCT	DESCRIPTION	SOURCE	FORM	PART CODE
Off-Clot Serum	Off the clot human serum extracted from whole blood samples	Human Plasma	Frozen Liquid	SOC-0001
Triglyceride Extract	Triglyceride concentrate	Avian	Frozen Liquid	TGL-0001
Human Lipoprotein Extract	Human Total Cholesterol concentrate containing HDL and LDL	Human Plasma	Frozen Liquid	HLPX
Human High Density Lipoprotein Extract	Elevated Human HDL	Human Plasma	Frozen Liquid	HHDL
Human Low Density Lipoprotein Extract	Elevated Human LDL	Human Plasma	Frozen Liquid	HLDL
Delipidised Human Serum	Lipid depleted and optically clear human serum	Human Plasma	Frozen Liquid	DLHS
Normal Human Serum	Derived from high quality human plasma	Human Plasma	Frozen Liquid	SF-0001
Pooled Recovered Human Plasma	Manufactured using fresh frozen human plasma	Human Plasma	Frozen Liquid	PF-0001

Off Clot Human Serum

Triglyceride Extract



Features



- Can be manufactured to **custom specifications** and aliquoted into bulk containers for ease of use and ease of storage.
- **Single units** and **pooled options** available.
- Human Plasma derived and allowed to **clot naturally** without being treated with anti-coagulant.
- Product is collected from plasma that is recovered from **whole blood** samples.
- Product can provided **unfiltered or filtered** to 0.22 micron absolute pore size, if required.
- Preservative addition optional.
- **Closest performance** to patient sample.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Off Clot Human Serum	Human Plasma	Frozen Liquid	SOC-0001

To order Off Clot Human Serum, please contact:
ivdsupport@technopathcd.com

Features



- Product can be manufactured to **custom specifications** providing you with the solution you need.
- Triglyceride extract manufactured using **proprietary processing** techniques developed by Technopath Clinical Diagnostics.
- Preservative additions optional.
- **Off-the-shelf** product specification available.
- Material can be provided **filtered to 0.22 micron** absolute pore size.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Triglyceride Extract	Avian	Frozen Liquid	TGL-0001

To order Triglyceride Extract, please contact:
ivdsupport@technopathcd.com



Human Lipoprotein Extract



Features



- Combined extract of human low density lipoproteins (LDL) and high density lipoproteins (HDL) in **physiological ratios**.
- Product can be manufactured to **custom specifications** providing you with the solution you need.
- **Manufactured from plasma** recovered from units of whole blood with a minimum Total Cholesterol concentration of 20.7 mmol/L or ~800 mg/dL
- Lipoproteins are **extracted from normal human serum** using proprietary processing techniques developed by Technopath.
- Preservative additions optional.
- **Filtered to 0.22 micron** absolute pore size to ensure low levels of bioburden and improved yield for our customers intending to perform downstream filtrations.
- **“Tailored” specifications** can be developed in conjunction with the customer to provide a customised solution to match specific requirements.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Human Lipoprotein Extract	Human Plasma	Frozen Liquid	HLPX

To order Human Lipoprotein Extract, please contact:
ivdsupport@technopathcd.com

Human High Density Lipoprotein Extract



Features



- Product can be manufactured to **custom specifications** providing you with the solution you need.
- **Manufactured from plasma** recovered from units of whole blood with a final HDL concentration typically 20.7 mmol/L or ~800 mg/dL.
- High density lipoproteins are **extracted from normal human serum** using proprietary processing techniques developed by Technopath.
- Preservative additions are optional.
- **Filtered to 0.22 micron** absolute pore size to reduce bio-burden levels and improve yield for customers intending to perform downstream filtrations.
- **“Tailored” specifications** can be developed in conjunction with the customer to provide a customised solution to match specific requirements.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Human High Density Lipoprotein Extract	Human Plasma	Frozen Liquid	HHDL

To order Human High Density Lipoprotein Extract, please contact:
ivdsupport@technopathcd.com

Human Low Density Lipoprotein Extract



Delipidised Human Serum



Features



- Product can be manufactured to **custom specifications** providing you with the solution you need.
- **Manufactured from plasma** recovered from units of whole blood with a final minimum LDL concentration typically 20.7 mmol/L (or ~800 mg/dL).
- Low density lipoproteins are **extracted from normal human serum** using proprietary processing techniques developed by Technopath.
- Preservative additions are optional.
- **Filtered to 0.22um** pore size prior to final dispensing to reduce bio-burden and improve yields for customers intending to perform downstream filtrations.
- **Low levels of HDL** present in the finished product.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Human Low Density Lipoprotein Extract	Human Plasma	Frozen Liquid	HLDL

To order Human Low Density Lipoprotein Extract, please contact:
ivdsupport@technopathcd.com

Features



- Product can be manufactured to **custom specifications** providing you with the solution you need.
- **Manufactured from plasma** recovered from units of whole blood with a total cholesterol concentration typically <0.4mmol/L.
- Serum is defibrinated and lipoproteins are extracted using **proprietary processing techniques** developed by Technopath Clinical Diagnostics.
- Preservative additions optional.
- **Off-the-shelf** product contains normal salt levels.
- **Filtered to 0.22um** pore size.
- **“Tailored” specifications** can be developed in conjunction with the customer to provide a customised solution to match specific requirements.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Delipidised Human Serum	Human Plasma	Frozen Liquid	DLHS

To order Delipidised Human Serum, please contact:
ivdsupport@technopathcd.com



Normal Human Serum



Pooled Recovered Human Plasma



Features

- Product can be manufactured to **custom specifications** providing you with the solution you need.
- Manufactured from high quality, consistent source of plasma that is recovered from units of **whole blood**.
- Serum is defibrinated using **proprietary processing techniques** developed by Technopath with or without the use of bovine thrombin.
- Preservatives addition is optional and based on customers' **individual preferences**.
- **Off-the-shelf** product contains normal salt levels.
- **Filtered to 0.22 micron** absolute pore size to reduce levels of potential bio-burden.
- **"Tailored" specifications** can be developed in conjunction with the customer to provide a customised solution to match specific requirements.
- Certificate of Analysis (COA) - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Normal Human Serum	Human Plasma	Frozen Liquid	SF-0001

To order Normal Human Serum, please contact:
ivdsupport@technopathcd.com

Features

- Product can be manufactured to **custom specifications** providing you with the solution you need and dispensed into bulk containers for ease of handling, use and storage.
- Manufactured from high quality, fresh frozen plasma recovered from units of whole blood. **Plasma frozen within 72 hours of collection**.
- **Tested and certified negative** for the standard panel of viral markers. Full traceability back to the donor units.
- Preservative additions optional and filtrations performed if required.
- Material also manufactured to **off-the-shelf specification**.
- Certificate of Analysis - available on request.
- Safety Data Sheet (SDS) - available on request.

Order Information

Product	Source	Form	Part Code
Pooled Recovered Human Plasma	Human Plasma	Frozen Liquid	PF-0001

To order Pooled Recovered Human Plasma, please contact:
ivdsupport@technopathcd.com

Contact **us for information** on our IVD Raw Materials including:

Pricing | **Bulk Quotation** | **Custom Specifications**
Availability | **Lead Time** | **Shipping Information**

Contact 

Contact Information

Multichem **Quality Control Products**

Outside of USA:

qcsupport@technopathcd.com

Within the USA:

qcsupport@technopathusa.com.

IAMQC **Software Solutions**

Outside of USA:

qcsoftware@technopathcd.com

Within the USA:

qcsoftware@technopathusa.com

IVD **Raw Materials:**

ivdsupport@technopathcd.com

General **Enquiries**

Outside of USA:

info@technopathcd.com

Within the USA:

info@technopathusa.com.



Have a **Question?**

It may have been answered already -
Visit the **FAQ page** of our website.

FAQs





TECHNOPATH
CLINICAL DIAGNOSTICS

www.technopathcd.com

info@technopathcd.com | Tel: +353 61 525700
Technopath Life Sciences Park, Fort Henry, Ballina, Co. Tipperary, V94 FF1P, Ireland.

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