



**CLINICAL
DIAGNOSTICS**

**Independent Quality Controls
for Abbott ci Systems**



Abbott ci Systems



TECHNOPATH
CLINICAL DIAGNOSTICS

Dear Reader,

This document is intended for use with Abbott ci Systems.

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Achieve enhanced laboratory efficiencies with Technopath Clinical Diagnostics QC solutions

Technopath was the first company in the world to develop truly consolidated independent quality controls for hospital laboratories. The proprietary manufacturing processes allow incorporation of greater numbers of analytes in to a single matrix, which enables extensive test menu consolidation. Technopath's 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.

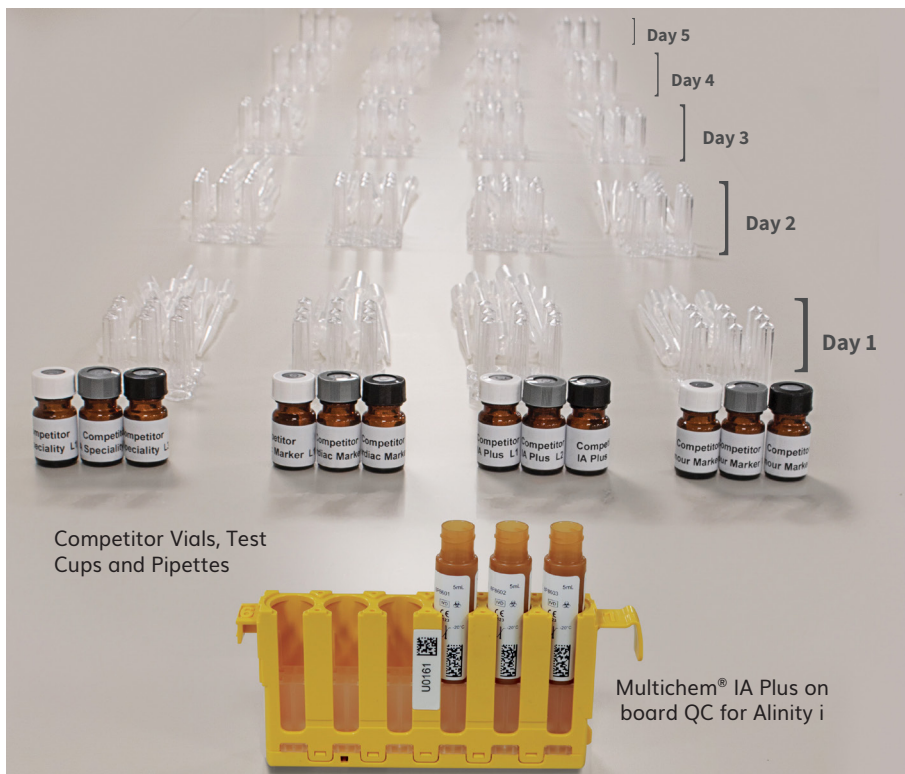
The raw materials used to create the matrix for Technopath's range of QC material are all sourced directly from national blood banks. Having direct access to high quality fresh frozen plasma ensures Technopath's Multichem QC products mimic the performance of patient samples. Technopath are experts in the stabilization of labile analytes (i.e. Troponin, Bilirubin, etc.) and they use human based lipid additions to ensure commutability across testing systems. The combination of these high quality raw materials and a proprietary process gives Technopath a significant competitive advantage over key global competitors.

Customers who use Technopath's Multichem® QC increase the efficiency of their laboratory, improve the quality of their patient care and reduce the cost of their quality control program.

"The main driver for change was a mandate to consolidate and improve workflow efficiencies. Reduced physical cost, coupled with a reduction in staff time, proved significant."

Eoin O'Rourke,
Head of Pathology,
Blackrock Clinic Ltd., Blackrock,
County Dublin, Ireland

Reduce handling requirements by up to 98%¹ when running three levels of Multichem® IA Plus onboard QC, three times a day for five days.



Photograph based on running 4 competitor QC products, each level three times daily for 5 days off-board on Alinity i versus Technopath's Multichem® IA Plus 5 days on board Alinity i.

1. Technopath study on file.

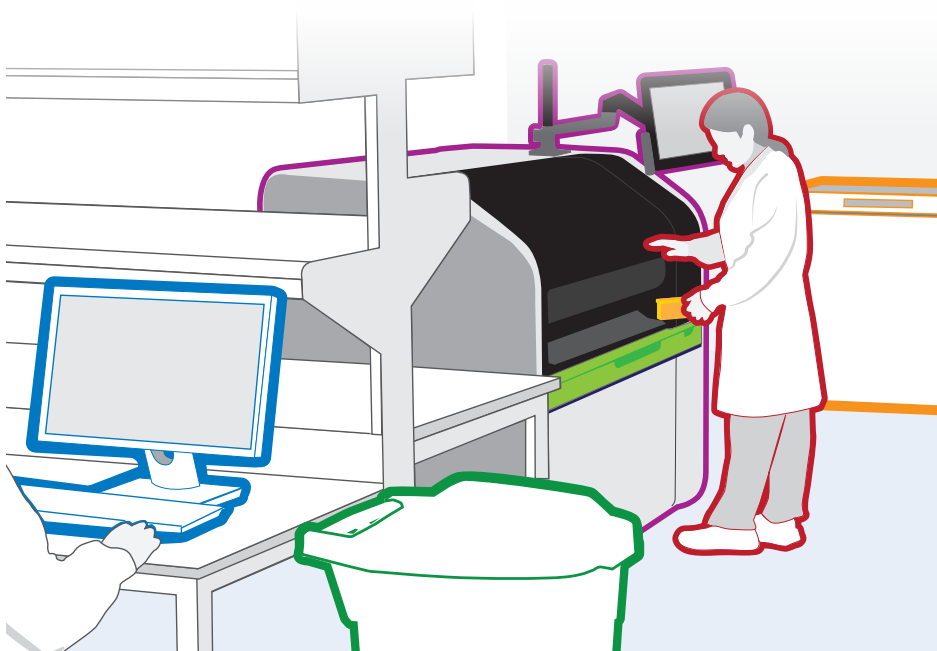
Healthcare system pressures can force labs to look in novel places for efficiencies.

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

Technopath's total quality control solution, Multichem® QC and IAMQC® software, provides clinical laboratories with significant cost, handling and time savings, whilst delivering higher confidence in analytical testing methods.

With an extensive list of analytes included in the Multichem range of quality control products, choice and flexibility are guaranteed for all customers. The Independent quality control products include General Clinical Chemistry, Immunoproteins, Immunoassay, Cardiac, Urine Chemistry, Infectious Disease, Diabetes and other Esoteric controls. The controls are assayed for ARCHITECT and Alinity i and c systems, please see each product specification listed in the product pages.

Technopath Clinical Diagnostics human based control matrix offers unrivalled test consolidation with increased control stability and diminished matrix effects. Together, these aspects of control manufacture offer greater control efficiencies without compromising compliance or confidence in patient results.



1. Based on minimum dead volume waste as indicated in Alinity i Operation Manual.
2. Available on Alinity ci-series only.
3. Technopath study on file.

Enhance Laboratory Efficiencies

Corresponding Competitor Product

Technopath's Multichem® IA Plus

REDUCE
HANDLING REQUIREMENTS

BY UP TO **98%**

Competitor Off Board Dead Volume Waste

Multichem IA Plus On Board Dead Volume Waste

REDUCE
DEAD VOLUME WASTE¹

BY UP TO **98%**

Competitor Waste Vials, Test Cups and Pipettes

Multichem® IA Plus Waste Vials

REDUCE
WEIGHT OF CONSUMABLES

BY UP TO **97%**

Competitor TUMOR MARKER

Competitor IMMUNOASSAY

Competitor SPECIALTY IMMUNOASSAY

Competitor CARDIAC MARKER

Corresponding Competitor Products

Multichem® On Board QC

REDUCE
STORAGE REQUIREMENTS

BY UP TO **77%**

REDUCE
QC ANALYSIS TIME²

100%
AUTOMATED

Based on an internal Technopath study³ running 4 competitor QC products (Tumor Marker, Cardiac Marker, Immunoassay and Specialty Immunoassay), each level three times daily for 5 days off-board on Alinity i versus Technopath's Multichem IA Plus 5 days onboard Alinity i, the above efficiencies were observed.

The Alinity ci-series quality control automation can help increase the operational productivity of your laboratory

Laboratory Quality Control (QC) processes are vitally important in ensuring accurate patient test results, but are often time consuming for laboratory staff. As a result, laboratories are looking for ways to optimize their processes, without compromising the accuracy and timeliness of the results they deliver to physicians and their patients. Now, with the Alinity ci-series, you can leverage quality control system capabilities to help optimize your overall lab performance.



Quality control management helps you automate and improve QC management processes



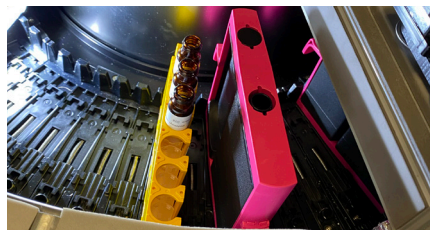
Barcoded quality controls make loading faster, easier and less prone to errors.¹ No pipetting or manual order entry is necessary for manufacturer barcoded vials.²



Up to six quality controls vials can be loaded on a single rack and up to four racks can be loaded on the instrument. Potentially QC up to 190 assays from a single rack for all three levels.



Continuous Loading - Quality controls can be loaded anytime, without interruption to your sample processing.



Quality controls can be stored onboard the system, in a temperature controlled reagent carousel, and automatically run at user-defined intervals.

1. Technopath provides five multi-constituent controls across clinical chemistry and immunoassay, four of which can be stored onboard the system.
2. For selected assays.

Technopath and Abbott help your lab achieve greater operational efficiencies in QC processes.

Accreditation/Regulatory Compliance

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



Targeted at Clinical Decision Points

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



Value Assigned

Value assignment saves technologist time when setting up initial reference intervals.



Large Lot Sizes

Faster Turn Around Time (TAT) for quality control set up. Use the automated QC configuration file (XML file) for the upload of ranges for Alinity and ARCHITECT systems, reducing errors and increasing productivity.



Human-Based Matrices

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



Reduction in Handling Errors



Streamlined Supply Chain

Reduction in the number of part numbers to be purchased streamlines the supply chain. Fewer part numbers equates to a lower number of lots to manage.



Automatic Results Upload To IAMQC® Peer with No Hardware Installation Required

Automatic upload every 24 hours of QC results to IAMQC Peer via AbbottLink with no input required by the hospital IT system and no additional hardware or software required to fulfil accreditation requirements.^{1,2}



Peer Group Size

Peer data from approx. 2,000³ Abbott peer instruments.



Inter-Lab QC Comparison Reports

Technopath IAMQC® Peer software offers Six-Sigma, Levey-Jennings (includes reagent lot tracking), Youden, Bias, Group Coordinator, Measurement of Uncertainty, Monthly Summary, Exceptions and Reagent Lot reports to give your laboratory the information it requires to monitor QC. Multiple languages are supported including Spanish.



1. "The laboratory shall participate in inter-laboratory comparisons" ISO 15189: 2022.

2. "[A] laboratory should actively participate in inter-laboratory QC programs when such programs are available." CLSI, C24 4th Edition .

3. Globally, approx. 2,000 Abbott instruments submit to IAMQC peer group each month, approx. 700 of those are in the USA. From data available on January 31st 2022.

Multichem® IA Plus

Onboard and Offboard
Test Consolidation for
Immunoassay QC in a
Liquid Stable Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- Test consolidated immunoassay control includes general IA, cardiac markers and tumor markers
- Tri-level utility for binding proteins including SHBG, Anti TG, and Anti TPO
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 36 month closed vial stability at -20°C to -80°C
- 5 day onboard vial stability
- 10 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem IA Plus	Assayed Tri-level	3 x 4 x 5mL (60mL)	08P86-10

Analyte List: Value Assigned for Alinity and ARCHITECT

25-OH Vitamin D	Ferritin	Prostate Specific Antigen, Free
Alpha Fetoprotein (AFP)	Folate	Prostate Specific Antigen, Total
Anti-thyroglobulin	Follicle Stimulating Hormone (FSH)	Sex Hormone Binding Globulin
Anti-thyroperoxidase	High Sensitive Troponin I	Testosterone
BNP (1-32)	Homocysteine	Thyroglobulin
CA 125	Human Chorionic Gonadotropin (hCG)	Thyroid Stimulating Hormone (TSH)
CA 15-3	Immunoglobulin E (IgE)	Thyroxine, Free (FT4)
CA 19-9	Insulin	Thyroxine, Total (TT4)
Carcinogenic Embryonic Antigen (CEA)	Luteinizing Hormone	Triiodothyronine, Free (FT3)
CK-MB	Myoglobin	Triiodothyronine, Total (TT3)
Cortisol	NT Pro-BNP	T-Uptake
C-Peptide	Parathyroid Hormone (PTH) (1-84)	Vitamin B12
DHEA-Sulfate	Progesterone	
Estradiol	Prolactin	

Analyte List: No Value Claimed

17-Hydroxyprogesterone	Estriol, Free	Procainamide
Acetaminophen	Estriol, Total	Procollagen NP Type 1
Adrenocorticotrophic Hormone (ACTH)	Estrogen, Total	Quinidine
Aldosterone	Ethosuximide	Renin
Amikacin	Gentamicin	Salicylate
Androstenedione	Human Growth Hormone	Testosterone, Free
Angiotensin	Ibuprofen	Theophylline
Caffeine	Insulin Like Growth Factor (IGF-1)	Thyroxine Binding Globulin
Calcitonin	Lidocaine	Tobramycin
Carbamazepine	Lithium	Troponin T
Carbamazepine, Free	N-Acetyl procainamide	Ultra Sensitive CRP
Chloramphenicol	Ostase	Valproic Acid
Cyclosporine	Phenobarbital	Valproic Acid, Free
Digoxin	Phenytoin	Vancomycin
Disopyramide	Phenytoin, Free	
EPO	Primidone	

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

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Multichem® S Plus

Onboard and Offboard
Test Consolidation for Serum
Chemistry and Immunology QC in
a Liquid Stable Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples.
- Liquid for ease of use
- Tri-level utility for immunoproteins
- Addition of human lipid extracts
- Facilitates tri-level utility for Cholesterol HDL & LDL, Apo A1, and Apo B
- Full range of TDMs including Lithium, Amikacin and Vancomycin
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 36 month closed vial stability at -20°C to -80°C
- 5 day onboard vial stability
- 10 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem S Plus	Assayed Single level (Level 1)	12 x 5mL (60mL)	08P88-10
	Assayed Single level (Level 2)	12 x 5mL (60mL)	08P88-11
	Assayed Single level (Level 3)	12 x 5mL (60mL)	08P88-12

Analyte List: Value Assigned for Alinity and ARCHITECT

Acetaminophen	Bilirubin, Direct	Fructosamine	Phenytoin
Acid Phosphatase	Bilirubin, Total	Gamma Glutamyltransferase	Phosphorous
Alanine Aminotransferase (ALT)	Calcium	Gentamicin	Potassium
Albumin BCG	Carbamazepine	Glucose	Prealbumin
Alkaline Phosphatase (ALP)	Carbon Dioxide (Bicarbonate)	Haptoglobin	Protein, Total
Alpha Hydroxybutyrate Dehydrogenase	Ceruloplasmin	Immunoglobulin A	Rheumatoid Factor
Alpha-1 Acidglycoprotein	Chloride	Immunoglobulin G	Salicylate
Alpha-1 Antitrypsin	Cholesterol HDL	Immunoglobulin M	Sodium
Amikacin	Cholesterol LDL	Iron	Theophylline
Amylase	Cholesterol Total	Kappa Light Chain	Tobramycin
Amylase Pancreatic	Cholinesterase	Lactate	Transferrin
Anti-streptolysin O (ASO)	Complement C3	Lactate Dehydrogenase (LDH)	Triglycerides
Apolipoprotein A1	Complement C4	Lambda Light Chain	Unsaturated Iron Binding Capacity (UIBC)
Apolipoprotein B	C-Reactive Protein	Lipase*	Urea Nitrogen
Aspartate Aminotransferase (AST)	Creatine Kinase (CK)	Lipoprotein (a)	Uric Acid
Beta -2 Microglobulin	Creatinine Enzymatic	Lithium	Valproic Acid
Beta Hydroxybutyrate Bile Acids	Digoxin	Magnesium	Vancomycin
	Ethanol	Phenobarbital	

Analyte List: No Value Claimed

Alpha-2-Macroglobulin	Caffeine	IgE	Retinol Binding Protein
ADNase B (Anti-Streptococcal DNase B)	Calcium Ionized	IgG1, Subclass	sTfR (Soluble Transferrin Receptor)
Angiotensin Converting Enzyme	CH50 (Total hemolytic Complement)	IgG2, Subclass	Thyroxine, Total (TT4)
Antithrombin III	Copper	IgG3, Subclass	Total Iron Binding Capacity
Beta Hydroxybutyrate Dehydrogenase	Cortisol	IgG4, Subclass	Triiodothyronine, Total (TT3)
Bilirubin Indirect	Cystatin C	Osmolality	Zinc
C1 Inhibitor	Ferritin	Properdin Factor B	
	Hemopexin	Prostatic Acid Phosphatase	
		Protein Electrophoresis	

*Multichem LPS also available

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

technopathcd.com

Multichem® LPS

Offboard Only

Lipase QC in a Liquid Stable Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- Tri-level utility
- Human based Lipase provides greater accuracy and performance
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 36 month closed vial stability at -20°C to -80°C
- 14 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Value Assignment

- Abbott Lipase 2 (Lip2) assay 04U0020 (Alinity)
- Abbott Lipase 2 (Lip2) assay 04T0420 (ARCHITECT)
- Target values available for ARCHITECT Lipase assay 7D80

Product	Description	Configuration	PART NO
Multichem LPS	Assayed Tri-level	3 x 4 x 3mL	06V83-10

Analyte List: Value Assigned for ARCHITECT and Alinity

Lipase

Multichem® P

Onboard and Offboard

Test Consolidation for Serum elevated Immunoprotein QC in a Liquid Stable Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use.
- Provides truly elevated values of specific proteins to control the analytical range
- Supplementary single-level immunoprotein control to complement Multichem S Plus
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 36 month closed vial stability at -20°C to -80°C
- 7 day onboard vial stability
- 14 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem P	Assayed Single Level	12 x 3mL	08P90-10

Analyte List: Value Assigned for Alinity and ARCHITECT

Alpha-1 Antitrypsin

Alpha-1-acid glycoprotein

Apolipoprotein A1 (APO A1)

Apolipoprotein B (APO B)

Beta -2 Microglobulin

Ceruloplasmin

Complement C3

Complement C4

C-Reactive Protein

Haptoglobin

Immunoglobulin A

Immunoglobulin G

Immunoglobulin M

Prealbumin

Rheumatoid Factor

Transferrin

Analyte List: No Value Claimed

ADNase B (Anti-Streptococcal DNase)

Albumin

Alpha 2-macroglobulin

Angiotensin Converting Enzyme

Antistreptolysin O (ASO)

Antithrombin III

C1 Inhibitor

CH50 (Total hemolytic Complement)

Cystatin C

Ferritin

Hemopexin

IgE

IgG1, Subclass

IgG2, Subclass

IgG3, Subclass

IgG4, Subclass

Kappa Light Chain

Lambda Light Chain

Lipoprotein (a)

Properdin Factor B

Retinol Binding Protein

sTfR (Soluble Transferrin Receptor)

Total Protein

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

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Multichem® A1c

Offboard Only

Diabetes Haemoglobin
A1c QC in a Liquid Stable Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- Target values across bi-level material to monitor clinical and analytical range at key clinical decision points
- Mimics performance of patient sample
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 24 month closed vial stability at -20°C to -80°C
- 30 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem A1c	Assayed Bi-level	2 x 6 x 1mL	04V06-10

Analyte List: Value Assigned for Alinity and ARCHITECT

HbA1c

Multichem® U

Onboard and Offboard

Test Consolidation for Urinary
Chemistry QC in a Liquid Stable
Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- Greater stability and performance for creatinine
- Addition of human based microalbumin provides greater accuracy and performance
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 24 month closed vial stability at 2°C to 8°C
- 7 day onboard stability
- 30 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem U	Assayed Bi-level	2 x 6 x 5mL (60mL)	08P89-10

Analyte List: Value Assigned for Alinity and ARCHITECT

Amylase
Calcium
Chloride
Cortisol
Creatinine

Glucose
Magnesium
Microalbumin
Phosphorous
Potassium

Sodium
Urea Nitrogen
Uric Acid
Urinary Protein

Analyte List: No Value Claimed

Human Chorionic Gonadotropin
Osmolality
Specific Gravity

Multichem® WBT

Offboard Only
Immunosuppressant QC in a
Liquid Stable Format



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- Tri-Level utility
- Human-based matrix optimizes performance and recovery of immunosuppressants

- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 30 month closed vial stability at -20°C to -80°C
- 10 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem WBT	Assayed Tri-level	3 x 4 x 2mL (24mL)	04S16-10

Analyte List: Value Assigned for Alinity and ARCHITECT

Cyclosporine
Sirolimus
Tacrolimus

Analyte List: No Value Claimed

Folate
Glucose

Multichem® hsTn

Offboard Only
Independent QC assayed for High
Sensitivity Troponin I assays



Features

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- High Sensitivity control targeting IFCC recommendations
- Assayed and value assigned for ARCHITECT and Alinity systems

Specifications

- 36 month closed vial stability at -20°C to -80°C
- 10 day open vial stability at 2°C to 8°C
- Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem hsTn	Assayed Single Level	12 x 3mL (36mL)	04W26-10

Analyte List: Value Assigned for ARCHITECT

Troponin I

Multichem® ID-COVID19

Offboard Only
Unassayed positive and negative
QC for Immunoglobulin G (IgG)
antibodies to SARS-CoV-2



Features

- Liquid Stable
- Human-based matrix

Specifications

- ID-COVID19 G**
- 12 month closed vial stability at 2°C to 8°C
 - 21 day open vial stability at 2°C to 8°C
 - Lot specific exceptions noted in IFU

Specifications

- ID-COVID19Neg**
- 36 month closed vial stability at 2°C to 8°C
 - 30 day open vial stability at 2°C to 8°C
 - Lot specific exceptions noted in IFU

Product	Description	Configuration	PART NO
Multichem ID-COVID19 G	Positive Control in Vials (Unassayed)	4 x 4mL (16mL)	CVG200P
Multichem ID-COVID19Neg	Negative Control in Vials (Unassayed)	4 x 4mL (16mL)	CVN200N

Analyte List:

Multichem ID-COVID19 G:
Unassayed positive QC for Immunoglobulin G (IgG)
antibodies to SARS-CoV-2

Multichem ID-COVID19Neg:
Unassayed negative QC for Immunoglobulin G (IgG)
antibodies to SARS-CoV-2

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

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IAMQC® Interlaboratory Peer Program

The easiest way to automate Technopath's Multichem® QC data.



Technopath's IAMQC interlaboratory peer program enables a laboratory to choose real-time peer comparison from individual laboratories within group and / or across the globe for all QC test data. This allows the laboratory to easily monitor its own reliability and precision.

- 100% automated with AbbottLINK®
- Track shifts and trends over time and across reagent lots on Levey Jennings
- 100% automated with Sigma calculations and reagent lot change tracking
- Peer data automatically uploads every 24 hours
- Daily comparison of internal lab system and global comparisons
- Group Coordinator, Levey Jennings and Exception reports automatically emailed to the laboratory on a monthly basis.

100%
AUTOMATED
PEER COMPARISON
SOFTWARE

Setting up Abbott Instruments with IAMQC Inter-laboratory Peer Program

It's as simple as step 1, 2 and 3.
The Technopath service team will get your laboratory set up and ready to go.

1

REGISTER

Fill laboratory details in to the online Activation Form here.
<https://register.iamqc.com>

2

ACTIVATE

Account is activated after verification

3

LOGON

Once the account is activated, the Technopath service team will send the laboratory login details and a user guide.

Quality Controls for Alinity Systems (can also be run on ARCHITECT Systems)

Order information: Abbott part codes are ordered through the standard Abbott order process. Products are shipped from Abbott to the customer.			
PRODUCT NAME	ABBOTT LIST NO.	KIT CONFIG.	FEATURE SET
Multichem IA Plus	08P86-10	3 x 4 x 5mL	<ul style="list-style-type: none"> • Tri-level • Immunoassay QC • Serum base
Multichem S Plus	Level 1: 08P88-10 Level 2: 08P88-11 Level 3: 08P88-12	12 x 5mL 12 x 5mL 12 x 5mL	<ul style="list-style-type: none"> • Single Level • Serum Chemistry and Immunology QC • Serum Base
Multichem LPS	06V83-10	3 x 4 x 3mL	<ul style="list-style-type: none"> • Tri-level • Lipase QC • Serum base
Multichem P	08P90-10	12 x 3mL	<ul style="list-style-type: none"> • Single Level • Serum Immunoprotein QC • Serum base
Multichem A1c	04V06-10	2 x 6 x 1mL	<ul style="list-style-type: none"> • Bi-level • HbA1c QC • Whole blood base
Multichem U	08P89-10	2 x 6 x 5mL	<ul style="list-style-type: none"> • Bi-level • Urine Chemistry QC • Urine base
Multichem WBT	04S16-10	3 x 4 x 2mL	<ul style="list-style-type: none"> • Tri-level • Whole Blood Transplant QC • Whole blood base
Multichem hsTn	04W26-10	12 x 3mL	<ul style="list-style-type: none"> • Single Level • High Sensitivity Troponin QC • Serum base
Calibrator / Control Replacement Caps	04R47-01	100 per Box	

Quality Controls for ARCHITECT Systems

Order information:

Abbott part codes are ordered through the standard Abbott order process.
Products are shipped from Abbott to the customer.

PRODUCT NAME	ABBOTT LIST NO.	KIT CONFIG.	FEATURE SET
Multichem IA Plus	05P76-10	3 x 4 x 5mL	<ul style="list-style-type: none"> • Tri-level • Immunoassay QC • Serum base
Multichem S Plus	Level 1: 05P78-10 Level 2: 05P78-11 Level 3: 05P78-12	12 x 5mL	<ul style="list-style-type: none"> • Single Level • Serum Chemistry and Immunology QC • Serum Base
Multichem LPS	06V83-10	3 x 4 x 3mL	<ul style="list-style-type: none"> • Tri-level • Lipase QC • Serum base
Multichem P	05P81-10	12 x 3mL	<ul style="list-style-type: none"> • Single Level • Serum Immunoprotein QC • Serum base
Multichem U	05P80-10	2 x 6 x 5mL	<ul style="list-style-type: none"> • Bi-level • Urine Chemistry QC • Urine base
Multichem A1c	04V06-10	2 x 6 x 1mL	<ul style="list-style-type: none"> • Bi-level • HbA1c QC • Whole blood base
Multichem WBT	05P77-10	3 x 4 x 2mL	<ul style="list-style-type: none"> • Tri-level • Whole Blood Transplant QC • Whole blood base
Multichem hsTn	04W26-10	12 x 3mL	<ul style="list-style-type: none"> • Single Level • High Sensitivity Troponin QC • Serum base
Dropper Tips	06P18-01	100 per bag	

Additional Complementary

Independent quality controls from Technopath Clinical Diagnostics

Contact your local Technopath Representative for more information on these products.

PRODUCT NAME	TECHNOPATH PART CODE	KIT CONFIG.	ANALYTES	FEATURE SET
Multichem AE Single Level (Level 1) Single Level (Level 2) Single Level (Level 3)	AE611A AE612A AE613A	12 x 2mL 12 x 2mL 12 x 2mL	<ul style="list-style-type: none"> • Ammonia • Ethanol 	<ul style="list-style-type: none"> • 36 Month Closed Vial Stability at -20°C to -80°C • 14 Day Open Vial Stability at 2°C to 8°C
Multichem AMH Tri-Level	AM500A	3 x 4 x 2mL	<ul style="list-style-type: none"> • Anti-Müllerian Hormone 	<ul style="list-style-type: none"> • 36 Month Closed Vial Stability at -20°C to -80°C • 30 Day Open Vial Stability at 2°C to 8°C
Multichem NB Single Level	NB800A	12 x 2mL	<ul style="list-style-type: none"> • Direct Bilirubin • Total Bilirubin • Caffeine¹ • Theophylline 	<ul style="list-style-type: none"> • 36 Month Closed Vial Stability at -20°C to -80°C • 14 Day Open Vial Stability at 2°C to 8°C
Multichem CSF Single Level (Level 1) Single Level (Level 2)	CF101A CF102A	12 x 2mL 12 x 2mL	<ul style="list-style-type: none"> • Glucose • Lactate • IgG • Protein 	<ul style="list-style-type: none"> • 36 Month Closed Vial Stability at -20°C to -80°C • 30 Day Open Vial Stability at 2°C to 8°C
Multichem IA Speciality Single Level (Level 1) Single Level (Level 2) Single Level (Level 3)	BP301A BP302A BP303A	12 x 2mL 12 x 2mL 12 x 2mL	<ul style="list-style-type: none"> • ACTH • BNP • Calcitonin • Procalcitonin • PTH Intact 	<ul style="list-style-type: none"> • 36 Month Closed Vial Stability at -20°C to -80°C • 7 Day Open Vial Stability at 2°C to 8°C
Multichem ID-B² Positive Control (Unassayed)	SR101B ³ SR104B ⁴	4 x 5mL	<ul style="list-style-type: none"> • Anti-HIV-1 IgG • Anti-HCV IgG • Anti-HBc IgG • HBsAg • Anti-HTLV-1 IgG • Anti-Treponema Pallidum IgG 	<ul style="list-style-type: none"> • 24 Month Closed Tube Stability at 2°C to 8°C • 90 Day Open Tube Stability at 2°C to 8°C
Multichem ID-SeroNeg² Negative Control (Unassayed)	SR100N	4 x 5mL	<ul style="list-style-type: none"> • Anti-HIV-1 IgG • Anti-HCV IgG • Anti-HBc IgG • HBsAg • Anti-HTLV-1 IgG • Anti-Treponema Pallidum IgG • HIV 1 p24 Antigen⁴ 	<ul style="list-style-type: none"> • 36 Month Closed Tube Stability at 2°C to 8°C • 90 Day Open Tube Stability at 2°C to 8°C
Multichem ID-HIV p24⁴	Coming soon. Contact your sales representative for more information	4 x 3mL	<ul style="list-style-type: none"> • HIV 1 p24 Antigen 	<ul style="list-style-type: none"> • 24 Month Closed Tube Stability at 2°C to 8°C • 90 Day Open Tube Stability at 2°C to 8°C

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

2. No platform claims in the USA

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

4. Coming Soon.

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