





THE QUALITY CONTROL COMPANY











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Achieve enhanced laboratory efficiencies with Technopath Clinical Diagnostics QC solutions



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

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.



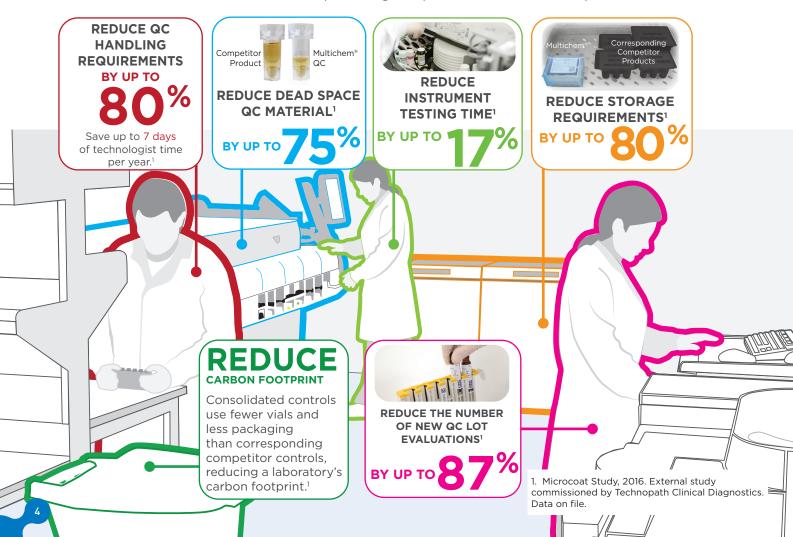
Healthcare system pressures can force labs to look in novel places for efficiencies.

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 7-11.

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





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



Bar coded quality controls make loading faster, easier and less prone to errors.<sup>1</sup> No pipetting or manual order entry is necessary for manufacturer barcoded vials.<sup>2</sup>



Up to six quality controls can be loaded on a single rack and up to four racks can be loaded on the instrument.



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.

<sup>1.</sup> Technopath provides six multi-constituent controls across clinical chemistry and immunoassay, four of which can be stored onboard the system.

<sup>2.</sup> 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, ISO and RiliBÄK.

#### **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 of QC results to IAMQC Peer via AbbottLink, with no additional hardware or software required to fulfill accreditation requirements.<sup>1,2</sup>

#### **Peer Group Size**

Peer data from over 1,500 Abbott systems.

#### **Inter-Lab QC Comparison Reports**

Technopath IAMQC® Peer software offers Six-Sigma, Levey-Jennings, Youden, Bias, Group Coordinator, Measurement of Uncertainty, Monthly Summary, and Exceptions reports to give your laboratory the information it requires to monitor QC. Multiple languages are supported.

<sup>1. &</sup>quot;The laboratory shall participate in interlaboratory comparisons ...."ISO 15189: 2003(E), Subclause 5.6.4.

<sup>2. &</sup>quot;[A] laboratory should actively participate in interlaboratory QC programs when such programs are available." CLSI, C24-A3, Vol. 26, No. 25.



### Multichem®

#### **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
- 86 Analytes (35 assayed)
- 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 optimized for Alinity and aimed at the clinical decision points:

With particular benefits for Free T4 and Free T3

#### **Specifications**

- 28 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	Assaved Tri-level	3 x 4 x 5mL (60mL)	08P86-10

#### **Analyte List: Value Assigned for Alinity and ARCHITECT**

Alpha Fetoprotein (AFP)

Anti-thyroglobulin

Anti-thyroperoxidase

Human Chorionic Gonadotropin

(BhCG)

BNP (1-32)

CA 125

CA 15-3

CA 19-9

Carcinogenic Embryonic Antigen

(CEA)

CK-MB

Cortisol

C-Peptide

**DHEA-Sulfate** 

Estradiol Ferritin

**F**olate

Prostate Specific Antigen, Free

Follicle Stimulating Hormone (FSH)

Triiodothyronine, Free (FT3)

Thyroxine, Free (FT4)

Homocysteine

Insulin

Luteinizing Hormone

Myoglobin

Parathyroid Hormone (PTH) (1-84)

Parathyroid Hormone (PTH) (1-84)

(STAT)

Progesterone

Prolactin

Prostate Specific Antigen, Total

Sex Hormone Binding Globulin

T-Uptake

Testosterone

High Sensitive Troponin I

Thyroid Stimulating Hormone (TSH)

Triiodothyronine, Total (TT3)

Thyroxine, Total (TT4)

Vitamin B12 25-OH Vitamin D

#### **Analyte List: No Value Claimed**

17-Hydroxyprogesterone

Acetaminophen

Adrenocorticotrophic Hormone (ACTH)

Aldosterone Amikacin

Androstenedione

Angiotensin

Caffeine Calcitonin

Carbamazepine

Carbamazepine, Free

Chloramphenicol

Cyclosporine Disopyramide

Digoxin

EPO Ethosuximide Estriol, Free

Estriol, Total

Estrogen, Total

Gentamicin

Human Growth Hormone

Ibuprofen

Immunoglobulin E

Insulin Like Growth Factor (IgF-1)

Lidocaine Lithium

N-Acetyl procainamide

NT Pro-BNP

Ostase

Phenytoin, Free Primidone

Procainamide
Procollagen NP Type 1

, Free Phenobarbital , Total Phenytoin

> Quinidine Renin

Salicylate

Testosterone, Free Thyroglobulin

Thyroxine Binding Globulin

Tobramycin Troponin T Theophylline

Ultra Sensitive CRP

Valproic Acid, Free Valproic Acid

Vancomycin



#### 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
- 104 Analytes (56 assayed)
- 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 Vancomvcin

#### **Specifications**

- 30 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

Product	Description	Configuration	PART NO
Multichem S Plus	Assayed Single level (Level 1) Assayed Single level (Level 2) Assayed Single level (Level 3)	12 x 5mL (60mL) 12 x 5mL (60mL) 12 x 5mL (60mL)	08P88-10 08P88-11 08P88-12
	Unassayed Single level (Level 1) Unassayed Single level (Level 2) Unassayed Single level (Level 3)	12 x 5mL (60mL) 12 x 5mL (60mL) 12 x 5mL (60mL)	08P87-10 08P87-11 08P87-12

#### **Analyte List: Value Assigned for Alinity and ARCHITECT**

Alpha-1 Acidglycoprotein Alpha-1 Antitrypsin **Activated Alanine** Aminotransferase (AALT) **Activated Aspartate** Aminotransferase (AAST) Albumin BCG Albumin BCP Alkaline Phosphatase (ALkP) Alanine Aminotransferase (ALT) Amikacin **Amylase Amylase Pancreatic** Apolipoprotein A1 Apolipoprotein B Aspartate Aminotransferase (AST)

Beta -2 Microglobulin\* Bile Acids Bilirubin, Direct Bilirubin, Total Calcium Carbamazepine Carbon Dioxide (Bicarbonate) Ceruloplasmin Chloride Cholesterol HDL Cholesterol LDL Cholesterol Total

Creatinine Picrate **C-Reactive Protein** Digoxin Ethanol Gamma Glutamyltransferase Gentamicin Glucose Haptoglobin Immunoglobulin A Immunoglobulin G Immunoglobulin M **Unsaturated Iron Binding** Cholinesterase Capacity Creatine Kinase (CK) Lactate Complement C3 Lactate Dehydrogenase (LDH) Complement C4 Lithium Creatinine Enzymatic

Magnesium Phenobarbital Phenytoin **Phosphorous** Potassium Prealbumin Protein, Total Rheumatoid Factor Salicylate Sodium Theophylline **Tobramycin** Transferrin Triglycerides Urea Nitrogen

Uric Acid

Valproic Acid

Vancomycin

#### Analyte List: No Value Claimed

Acetaminophen\* **Acid Phosphatase** Alpha Hydroxybutyrate Dehydrogenase Alpha-2-Macroglobulin ADNase B (Anti-Streptococcal DNase B) **Angiotensin Converting** Enzyme Anti-streptolysin O (ASO) Antithrombin III Beta Hydroxybutyrate

Dehydrogenase Bilirubin Indirect Caffeine Calcium Ionized C1 Inhibitor CH50 (Total hemolytic Complement) Cystatin C Cortisol Copper Fructosamine

Ferritin Hemopexin IgG1, Subclass IgG2, Subclass IgG3, Subclass IgG4, Subclass IgE Kappa Light Chain Lambda Light Chain Lipoprotein (a) Lipase\*

Osmolality Properdin Factor B Protein Electrophoresis Prostatic Acid Phosphatase **Retinol Binding Protein** sTfR (Soluble Transferrin Receptor) Triiodothyronine, Total (TT3) Thyroxine, Total (TT4) **Total Iron Binding Capacity** Zinc

<sup>\*</sup> Coming Soon



#### Multichem® P

#### **Onboard and Offboard**

Test Consolidation for Serum Immunoprotein QC in a Liquid Stable Format



#### **Features**

- Human based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use.
- 39 Analytes (16 assayed)
- Supplementary single-level immunoprotein control to complement Multichem S Plus
- Provides truly elevated values of specific proteins to control the analytical range

 Provides tri-level utility for RF when used in conjunction with Multichem S Plus

#### **Specifications**

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

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 Acidglycoprotein Alpha-1 Antitrypsin

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**

Albumin

Angiotensin Converting Enzyme

Anti-streptolysin O (ASO)

Antithrombin III

Lipoprotein (a)

ADNase B (Anti-Streptococcal DNase

B)

Alpha-2-Macroglobulin

C1 Inhibitor

CH50 (Total hemolytic Complement)

Cystatin C

Ferritin

Hemopexin

IgG1, Subclass

IgG2, Subclass

IgG3, Subclass

IgG4, Subclass

ΙgΕ

Kappa Light Chain

Lambda Light Chain

Properdin Factor B

**Retinol Binding Protein** 

sTfR (Soluble Transferrin Receptor)

**Total Protein** 



#### Multichem® A1c

#### **Offboard Only**

Diabetes Haemoglobin A1c QC in a Liquid Stable Format



#### **Features**

- Value-assigned for Abbott ARCHITECT and Alinity systems
- · Liquid-frozen and ready for use
- Target values across bi-level material to monitor clinical and analytical range at key clinical decision points
- Mimics performance of patient sample

· Analytes: A1c, %HbA1

#### **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**

- Liquid stable, human-based bilevel control
- Mimics performance of patient samples.
- 18 Analytes (14 assayed)
- Greater stability and performance for creatinine
- Assayed and value assigned for Alinity family of analyzers

 Addition of human based microalbumin provides greater accuracy and performance

#### **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 Glucose Sodium
Calcium Magnesium Urea Nitrogen
Chloride Microalbumin Uric Acid
Creatinine Enzymatic Phosphorous Urinary Protein
Creatinine Picrate Potassium

#### **Analyte List: No Value Claimed**

Cortisol Human Chorionic Gonadotropin
Osmolality Specific Gravity



#### Multichem® WBT

#### **Offboard Only**

Immunosuppressant QC in a Liquid Stable Format



#### **Features**

- Liquid stable, human-based Tri-Level Control
- Human-based matrix optimizes performance and recovery of immunosuppressants
- 5 Analytes (3 assayed)
- Assayed and value assigned for Abbott ARCHITECT and Alinity systems.

#### **Specifications**

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

RBC Folate Glucose

### Multichem® hsTn

#### Architect

Independent QC assayed for High Sensitivity Troponin I assays



#### **Features**

- Liquid Frozen
- Human-based matrix
- High Sensitivity control targeting IFCC recommendations
- Assayed for Abbott ARCHITECT

#### **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

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

#### Analyte List: Value Assigned for ARCHITECT

Troponin I



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.



- Full Automation with AbbottLink
- Peer data automatically uploaded every 24 hours
- **Daily comparison** of internal lab system or global comparisons
- Multiple Inter-Laboratory QC Comparison Reports
- Track shifts and trends over time and across reagent lots
- Automatic Sigma and Uncertainty of Measurement Calculations

AbbottLink®

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

2

3

#### REGISTER

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

ACTIVATE

Account is activated after verification

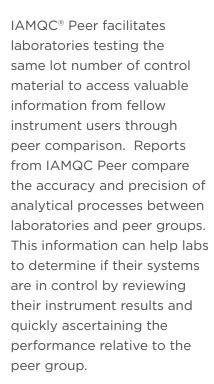
LOGON

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





Enhance laboratory operations with the only Peer comparison software supported by Abbottlink





#### **Sigma Metrics Report**

Offers end-users the opportunity to automatically calculate and review their sigma metric performance.

#### **Bias Report**

The bias report gives a detailed comparison between laboratory, affiliation, and peer group analytics. This report outputs to Microsoft Excel format.

#### **Group Coordinator Report**

Provides a test by test listing of statistics for the lab and its peer groups. The Group Coordinator Report documents all relevant data submitted to IAMQC and automatically provides a statistical analysis.

#### **Levey Jennings Report**

The Levey Jennings Report displays individual daily QC means for the selected month for a specific analyte. The report can be generated for two or three levels of QC material.

#### **Monthly Summary Report**

For each test and control level, this report summarizes statistics for the last twelve months and Lot-to-Date period for the laboratory and its peer groups for long-term intra-laboratory and inter-laboratory comparisons.

#### **Exception Notes Report**

This report summarizes the laboratory's tests and analytical methods which differ in performance from its peer group using SDI, CVI and Total Error performance criteria.

#### **Youden Plot Report**

The Youden Report describes internal laboratory performance against the test system peer and method principle peer using the Youden Plot design.

#### **Measurement of Uncertainty**

Measurement of Uncertainty is referred to by many of the accreditation bodies as a requirement during audits. The Measurement of Uncertainty report is generated in MS Excel format from a laboratory's online IAMQC Peer account.



### Quality Controls for **Alinity Systems**

### Order through your Local Abbott Affiliate

PRODUCT NAME	ABBOTT LIST NO.	KIT CONFIG.	FEATURE SET
Multichem IA Plus	08P86-10	3 x 4 x 5mL	<ul><li>Tri-level</li><li>Immunoassay QC</li><li>Serum base</li><li>86 analytes (35 assayed)</li></ul>
Multichem S Plus Assayed	Level 1: 08P88-10 Level 2: 08P88-11 Level 3: 08P88-12	12 x 5mL 12 x 5mL 12 x 5mL	<ul> <li>Single Level</li> <li>Serum Chemistry and Immunology QC</li> <li>Serum Base</li> <li>104 analytes (56 assayed)</li> </ul>
Multichem S Plus Unasssayed	Level 1: 08P87-10 Level 2: 08P87-11 Level 3: 08P87-12	12 x 5mL 12 x 5mL 12 x 5mL	<ul><li>Single Level</li><li>Serum Chemistry and Immunology QC</li><li>Serum Base</li><li>104 analytes</li></ul>
Multichem hsTn	04W26-10	12 x 3 mL	<ul><li>Single Level</li><li>Serum base</li><li>Assayed</li></ul>
Multichem P	08P90-10	12 x 3mL	<ul> <li>Single Level</li> <li>Serum Immunoprotein QC </li> <li>Serum base</li> <li>39 analytes (16 assayed) </li> </ul>
Multichem A1c	04V06-10	2 x 6 x 1mL	<ul><li>Bi-level</li><li>HbA1c QC</li><li>Whole blood base</li><li>1 analyte, assayed</li></ul>
Multichem U	08P89-10	2 x 6 x 5mL	<ul><li>Bi-level</li><li>Urine Chemistry QC</li><li>Urine base</li><li>18 analytes (14 assayed)</li></ul>
Multichem WBT	04S16-10	3 x 4 x 2mL	<ul> <li>Tri-level</li> <li>Whole Blood Transplant QC</li> <li>Whole blood base</li> <li>5 analytes (3 assayed)</li> </ul>



### Quality Controls for **ARCHITECT Systems**

### Order through your Local Abbott Affiliate

PRODUCT NAME	ABBOTT LIST NO.	KIT CONFIG.	FEATURE SET
Multichem IA Plus	05P76-10	3 x 4 x 5mL	<ul><li>Tri-level</li><li>Immunoassay QC</li><li>Serum base</li><li>86 analytes (35 assayed)</li></ul>
Multichem S Plus - Assayed	Level 1: 05P78-10 Level 2: 05P78-11 Level 3: 05P78-12	12 x 5mL 12 x 5mL 12 x 5mL	<ul> <li>Single Level</li> <li>Serum Chemistry and Immunology QC</li> <li>Serum Base</li> <li>104 analytes (56 assayed)</li> </ul>
Multichem S Plus - Unassayed	Level 1: 05P79-10 Level 2: 05P79-11 Level 3: 05P79-12	12 x 5mL 12 x 5mL 12 x 5mL	<ul> <li>Single Level</li> <li>Serum Chemistry and Immunology QC</li> <li>Serum Base</li> <li>104 analytes</li> </ul>
Multichem hsTn	04W26-10	12 x 3 mL	<ul><li>Single Level</li><li>Serum base</li><li>Assayed</li></ul>
Multichem P	05P81-10	12 x 3mL	<ul> <li>Single Level</li> <li>Serum Immunoprotein QC</li> <li>Serum base</li> <li>39 analytes (16 assayed)</li> </ul>
Multichem U	05P80-10	2 x 6 x 5mL	<ul><li>Bi-level</li><li>Urine Chemistry QC</li><li>Urine base</li><li>18 analytes (14 assayed)</li></ul>
Multichem A1c	04V06-10	2 x 6 x 1mL	<ul><li>Bi-level</li><li>HbA1c QC</li><li>Whole blood base</li><li>1 analyte, assayed</li></ul>
Multichem WBT	05P77-10	3 x 4 x 2mL	<ul> <li>Tri-level</li> <li>Whole Blood Transplant QC</li> <li>Whole blood base</li> <li>5 analytes (3 assayed)</li> </ul>
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 LIST NO.	KIT CONFIG.	ANALYTES	FEATURE SET
Multichem <b>AE</b> Single Level (Level 1) Assayed Single Level (Level 2) Assayed Single Level (Level 3) Assayed	AE611A AE612A AE612A	12 x 2mL 12 x 2mL 12 x 2mL	• Ammonia • Ethanol	<ul> <li>36 Month Closed Vial Stability at -20°C to -80°C</li> <li>14 Day Open Vial Stability at 2°C to 8°C</li> </ul>
Bi-level Assayed	AE600A	2 x 6 x 2mL		
Multichem <b>AMH</b> Tri-level Assayed	AM500A	3 x 4 x 2mL	• Anti-Müllerian Hormone	<ul> <li>36 Month Closed Vial Stability at -20°C to -80°C</li> <li>30 Day Open Vial Stability at 2°C to 8°C</li> </ul>
Multichem <b>CSF</b> Single Level (Level 1) Assayed Single Level (Level 2) Assayed Bi-Level Assayed	CF101A CF102A CF100A	12 x 2mL 12 x 2mL 2 x 6 x 2mL	<ul><li>Glucose</li><li>Lactate</li><li>IgG</li><li>Protein</li></ul>	<ul> <li>36 Month Closed Vial Stability at -20°C to -80°C</li> <li>30 Day Open Vial Stability at 2°C to 8°C</li> </ul>
Multichem <b>D-Dimer</b> Single Level (Level 1) Assayed Single Level (Level 2) Assayed Bi-Level Assayed	DM901A DM902A DM900A	12 x 1mL 12 x 1mL 2 x 6 x 1mL	• D-Dimer	<ul> <li>36 Month Closed Vial Stability at -20°C to -80°C</li> <li>30 Day Open Vial Stability at 2°C to 8°C</li> </ul>
Multichem IA Speciality Single Level (Level 1) Assayed Single Level (Level 2) Assayed Single Level (Level 3) Assayed Tri-level Assayed	BP301A BP302A BP303A BP300A	12 x 2mL 12 x 2mL 12 x 2mL 12 x 2mL 3 x 4 x 2mL	• ACTH • BNP • Calcitonin • Procalcitonin • PTH Intact	<ul> <li>36 Month Closed Vial Stability at -20°C to -80°C</li> <li>7 Day Open Vial Stability at 2°C to 8°C</li> </ul>
Multichem <b>ID-B</b> Positive Control	SR101B	4 x 5mL	Anti-HIV-1 IgG     Anti-HCV IgG     Anti-HBc IgG     HBsAg     Anti-HTLV-1 IgG     Anti-Treponema     Pallidum IgG	<ul> <li>24 Month Closed Tube Stability at 2°C to 8°C</li> <li>90 Day Open Tube Stability at 2°C to 8°C</li> </ul>
Multichem <b>ID-SeroNeg</b> Negative Control	SR100N	4 x 5mL	Anti-HIV-1 IgG     Anti-HCV IgG     Anti-HBc IgG     HBsAg     Anti-HTLV-1 IgG     Anti-HTLV-1 IgG     Anti-Idenonema Pallidum IgG     HIV p24	<ul> <li>36 Month Closed Tube Stability at 2°C to 8°C</li> <li>90 Day Open Tube Stability at 2°C to 8°C</li> </ul>
Multichem <b>NB</b> Single Level (Assayed)	NB800A	12 x 2mL	Direct Bilirubin     Total Bilirubin     Caffeine*     Theophylline	<ul> <li>36 Month Closed Vial Stability at -20°C to -80°C</li> <li>14 Day Open Vial Stability at 2°C to 8°C</li> </ul>

 $<sup>^{*}</sup>$ Please refer to lot specific package inserts for stability and performance claims.



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THE QUALITY CONTROL COMPANY