



# TECHNOPATH

CLINICAL DIAGNOSTICS

## Multichem<sup>®</sup> S

Providing Third-Party Test Consolidation  
for Serum Chemistry and Immunology QC  
in a Liquid Stable Format



### Features

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

### Specifications

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

Product	Description	Configuration	Part Code
Multichem S	Unassayed Single Level (Level 1)	15 × 10mL	CH101X
	Unassayed Single Level (Level 2)	15 × 10mL	CH102X
	Unassayed Single Level (Level 3)	15 × 10mL	CH103X
	Assayed Single Level (Level 1)	15 × 10mL	CH101A
	Assayed Single Level (Level 2)	15 × 10mL	CH102A
	Assayed Single Level (Level 3)	15 × 10mL	CH103A

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## Chemistry Analyte List

### Chemistry

Albumin  
 Bilirubin, Direct  
 Bilirubin, Total  
 Calcium  
 Carbon Dioxide (Bicarbonate)  
 Chloride  
 Creatinine  
 Glucose  
 Iron  
 Lactate (Lactic acid)  
 Magnesium  
 Phosphorous  
 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-Pro BNP\*  
 Osmolality\*  
 Protein Electrophoresis\*  
 Triiodothyronine, (Total T3)\*  
 Thyroxine, (Total T4)  
 Troponin T\*  
 Zinc\*

### Immunoproteins

Alpha-1 Acidglycoprotein  
 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\*  
 Lamda 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\*  
 Beta Hydroxybutyrate Dehydrogenase\*  
 Cholinesterase  
 Creatine Kinase (CK)  
 CKMB\*  
 Gamma Glutamyltransferase  
 Lactate Dehydrogenase (LDH)  
 Lipase  
 Prostactic 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.



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