

# VALIDATE® Products

VALIDATE® offers in excess of 165 analytes, formulated into standard groupings. Visit our website, [mainstandards.com](http://mainstandards.com) to view the multiple range coverages for each analyte and use the Analyzer Search Tool to identify the recommended products for your specific analyzers.

## GENERAL CHEMISTRY



### GC1

Albumin  
Blood Urea Nitrogen  
Calcium  
Chloride  
Cholesterol  
Creatinine  
Glucose  
Lactate  
Lithium  
Magnesium  
Phosphorus  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Uric Acid

### GC2

Ammonia  
Carbon Dioxide  
Ethyl Alcohol  
Total Iron  
Uric Acid

### GC3

Alanine Aminotransferase  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase  
Creatine Kinase  
Gamma-Glutamyltransferase  
Lactate Dehydrogenase  
Lipase

### GC4

Conjugated Bilirubin  
Direct Bilirubin  
Total Bilirubin

## IRON BINDING CAPACITY



### IBC

Total Iron Binding Capacity  
Unsaturated Iron Binding Capacity

## LIPOPROTEINS



### LP

High Density Lipoprotein  
Low Density Lipoprotein

### LP2

Apolipoprotein A1  
Apolipoprotein B

## ACTH



### ACTH

Adrenocorticotrophic Hormone

## ANEMIA



### ANEMIA

Ferritin  
Folate  
Vitamin B12

### FERRITIN

Ferritin

## BODY FLUIDS



### BF

Albumin  
Amylase  
Cerebrospinal Fluid Total Protein  
Cholesterol  
Creatinine  
Glucose  
Lactate  
Lactate Dehydrogenase  
Total Protein  
Triglycerides  
Urea Nitrogen

### BF2

Calcium  
Chloride  
Potassium  
Sodium  
Total Bilirubin  
Uric Acid

## BF3

Cancer Antigen 19-9  
Carcinoembryonic Antigen

## BONE



### PTH

Parathyroid Hormone

### VIT D

Vitamin D

## CARDIAC



### CM1

Creatine Kinase-MB  
Myoglobin

### CM2

Brain Natriuretic Peptide  
High Sensitivity C-Reactive Protein  
N-Terminal Prohormone of BNP  
Troponin I  
Troponin T

### CM3

Homocysteine  
Lipoprotein (a)

## HIGH SENSITIVE TROPONIN

High Sensitivity Troponin T  
High Sensitivity Troponin I

## DIABETES



### Diabetes

Beta-Hydroxybutyrate  
C-Peptide  
Glucose  
Insulin  
Fructosamine

### HbA1c

% Glycohemoglobin A1c

## VALIDATE® Products (continued)

### FERTILITY



#### FERT 1

Follicle-stimulating Hormone  
Human Chorionic Gonadotropin  
Luteinizing Hormone  
Prolactin  
Testosterone

#### FERT 2

$\alpha$ 1-fetoprotein  
Dehydroepiandrosterone Sulfate  
(DHEA SO<sub>4</sub>)  
Estradiol  
Progesterone

#### FERT 3

anti-Müllerian Hormone  
Sex Hormone-binding Globulin

### HEMOSTASIS



#### D-DIMER

D-Dimer

#### FIBRINOGEN

Fibrinogen

#### HEPARIN

Heparin Anti-Xa

### IMMUNOSUPPRESSANTS



#### ISx

Cyclosporine  
Sirolimus  
Tacrolimus

### OSMOLALITY



#### OSMO

Serum Osmolality  
Urine Osmolality

### POC



#### WBG

GLU (Glucose)

### SARS-CoV-2 IgG



#### SARS-CoV-2 IgG

SARS-CoV-2 IgG

### SEPSIS



#### IL-6

Interleukin-6

#### PCT

Procalcitonin

### SERUM PROTEINS



#### SP1

$\alpha$ 1-Antitrypsin  
Complement C3  
Complement C4  
Immunoglobulin A  
Immunoglobulin G  
Immunoglobulin M  
Transferrin

#### SP2

Albumin  
C-Reactive Protein  
Ceruloplasmin  
Haptoglobin  
Prealbumin  
Rheumatoid Factor

#### SP3

$\alpha$ 1-Acid Glycoprotein  
Antistreptolysin O  
B2-Microglobulin  
Immunoglobulin E

### THERAPEUTIC DRUGS



#### TDM1

Acetaminophen  
Amikacin  
Carbamazepine  
Digoxin  
Gentamicin  
Lidocaine  
N-Acetylprocainamide  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide  
Quinidine  
Salicylate  
Theophylline  
Tobramycin  
Valproic Acid  
Vancomycin

### THYROID ANALYTES



#### THY

Cortisol  
Free T3  
Free T4  
Thyroid Stimulating Hormone  
Total T3  
Total T4

#### THY2

Thyroglobulin

### TUMOR MARKERS



#### PSA\*

Free Prostate-Specific Antigen  
Total Free Prostate-Specific Antigen

\*Not CE-approved

#### TM

Cancer Antigen 15-3  
Cancer Antigen 19-9  
Cancer Antigen 125  
Carcinoembryonic Antigen

### URINE CHEMISTRY



#### UC1

Chloride  
Ethyl Alcohol  
Glucose  
Potassium  
Sodium  
Total Protein  
Urea Nitrogen  
Uric Acid

#### UC4

Calcium  
Creatinine  
Magnesium  
Phosphorus

#### UC5

Amylase  
Micro-Albumin  
Pancreatic Amylase

#### UC6

Micro-Albumin  
Creatinine