



Fibrinogen
Haptoglobin
HbA1c Immuno - Turbidimetry
Immunoglobulin E (IgE)
β2-Microglobulin
β2-Microglobulin - Mono Reagent
Kappa light chain serum kit (KAP)
Kappa light chain urine kit (KAP)
Lambda light chain serum kit (LAM)
Lambda light chain urine kit (LAM)
RF 3rd Generation

Immuno turbidimetry For Manual and Automation

### Hematology, Haemostasis Reagents

	Description
Normoplastin PT reagent	Ready to Use, Calcified Rabbit Brain Thromboplastin for PT Determination in Plasma (ISI 1.5)
Unicelin PTT reagent	Ready to Use, Cephaloplastin Reagent With Ellagic Acid as an Activator for APTT Determination in plasma
Ultraplastin PT reagent	Ready to Use, Calcified Rabbit Brain Thromboplastin for PT Determination in Plasma (ISI 1.05)

### Blood Groups

	Description
Anti-A (IgM)	Murine Monoclonal IgM Blood Grouping Reagent for Slide and Tube Test
Anti-AB (IgM)	Murine Monoclonal IgM Blood Grouping Reagent for Slide and Test
Anti-B (IgM)	Murine Monoclonal IgM Blood Grouping Reagent for Slide and Tube Test
Anti-D (IgM+IgG)	Murine Monoclonal IgM & IgG Reagent Blend for Routine Typing & Confirmation of Rho(D) Phenotypes by Slide and Tube Test
Anti-Human globulin	Polyspecific Reagent ( Anti-IgG + Anti-C3d ) for Direct and Indirect Coomb's Test
BSA 22 %	Bovien Serum Albumin 22% for Serological applications
BSA 30 %	Bovien Serum Albumin 22% for Serological applications
LISS	Low Ionic Strength Solution

### Dry Chemistry

	Description
CMV	IgG/IgM Rapid Test-Cassette (Serum/Plasma)
HBsAg (Serum/Plasma)	Hepatitis B Surface Antigen Test Device
HBsAg - HCV Ab	Hepatitis B Surface Antigen, Hepatitis C Virus Ab Test Device
HCG	One Step Pregnancy Test Device (Urine/Serum)
HCV Ab (Serum/Plasma)	Hepatitis C Virus Ab Test Device
HIV Ab 1/2/O (Whole Blood/Serum/Plasma)	Tri-line Human Immunodeficiency Virus Rapid Test Device
H Pylori Ab	H. pylori Ab Test Device(Serum/Plasma/Whole Blood)
H Pylori Ag	H Pylori Ag in Stool Rapid Test Device

HAV	IgM Rapid Test-Cassette (Serum / Plasma)
Malaria Antigen Test Card	Qualitative Test for P. falciparum & P. vivax in human blood
Syphilis Ab Combo	Rapid Test (Serum / Plasma / Whole Blood)
S.typhi-S.paratyphi "A" Direct Antigen	Qualitative Test for S.typhi-S.paratyphi Ags in serum or Stool
Toxoplasma	IgG/IgM Rapid Test-Cassette (Serum/Plasma)
Torch	Toxo/Rubella/CMV/HSV 1/2 IgM Antibodies Combo Rapid Test Device (Serum/Plasma)
Troponin-I	Troponin I Test Device(Serum/Plasma/Whole Blood)
Typhoid Ab	IgG/IgM Rapid Test-Cassette(Serum / Plasma)
Uri-Trak - 1 Glucose	For the Determination of Glucose in Urine
Uri-Trak - 2 Glucose, Ketones	For the Determination of Glucose, Ketones in Urine
Uri-Trak - 3 Glucose, Protein, PH	For the Determination of Glucose, Protein, pH in Urine
Uri-Trak - 10	For the Determination of Glucose, Protein, pH, Bilirubin, Ketone, Sp.gravity, Blood, Urinobilinogen, Nitrite, Leukocytes in Urine

Instruments	Description
SP120	Autochemistry Analyzer
Spectro - Plus	Semi Automated Chemistry Analyzer
Stat Lab 2	Semi Automated Chemistry Analyzer, Coagulometer, Turbidimetry and thermal block
Twin 1	Hb/Bil Analyzer
Twin 2	Na/K Analyzer
Twin A1c	HbA1c/eAG Analyzer

### Miscellaneous

NaOH For GOT and GPT	-	TCA For Creatinine	-	CaCl <sub>2</sub> For PTT
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Spectrum Product List (2016)

THE CREATIVE  
APPROACH  
TO BIOSCIENCE



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## Clinical Chemistry

### i- Substrates

#### Description

Albumin (Single Reagent)	BCG Method
Bilirubin Total/Direct	Jendrasik Grof Method
Pediatric Total Bilirubin (Single Reagent)	End Point Colorimetric Method
Bilirubin Total (Single Reagent)	End Point Colorimetric Method
Bilirubin Direct (Two Reagents)	End Point Colorimetric Method
Bilirubin Total/Direct	DMSO
Cholesterol (Single Reagent)	CHOD-PAP Method
HDL-Cholesterol (Precipitant)	Precipitation
HDL-Direct/W. Calibrator	Direct Enzymatic Colorimetric Method
LDL-Direct/ W. Calibrator	Direct Enzymatic Colorimetric Method
Creatinine Jaffé	Fixed Rate Colorimetric Method
Creatinine Jaffé (Single Reagent)	Fixed Rate Colorimetric Method
Creatinine Colorimetric	End Point Colorimetric Method
Glucose (Single Reagent)	GOD-PAP End Point Method
Glyco. Hemoglobin	Ion Exchange Method
HbA1c	Direct Enzymatic
Hemoglobin(50x) (Single Reagent)	Drabkin's Reagent
Haemoglobin	Drabkin's Reagent
Hemoglobin Ready to use w. Standard	Drabkin's Reagent
Lactate	LOX - PAP End Point Method
M-TP (Single Reagent)	Pyrogallol Red
Pyruvate	Enzymatic UV
Total Bile Acids (TBA)	Enzymatic Recycling Method
Total Protein (Single Reagent)	Biuret Method
Triglycerides (Single Reagent)	GPO - PAP End Point
Urea Colorimetric	Modified Berthlot Method
Urea LS - Colorimetric	Modified Berthlot Method
Urea UV	Urease Fixed Rate, GLDH
Urea/BUN (single Reagent)	Urease Fixed Rate, GLDH
Uric acid (Single Reagent)	Uricase-PAP Method

### ii- Enzymes

#### Description

Acid Phosphatase	Col. test with $\alpha$ -naphthylphosphate
Alkaline Phosphatase (9+1) Kinetic	IFCC Method
Alkaline Phosphatase (1+1) Kinetic	IFCC Method
Alk. phosphatase (Single Reagent)	IFCC Method
Alkaline Phosphatase Colorimetric	End Point Colorimetric Method
Amylase (Single Reagent)	GALG2-CNP Method
Creatine Kinase (CK)	IFCC Method
Creatine Kinase-MB (CK-MB)	IFCC Method
$\gamma$ -GT (9+1) Kinetic	Szasz Method
$\gamma$ -GT (1+1) Kinetic	Szasz Method
GOT/AST (4+1) Kinetic	Modified IFCC Method
GOT/AST (1+1) Kinetic	Modified IFCC Method

GOT/AST Colorimetric	End Point Colorimetric Method
GOT/AST (Single Reagent)	Modified IFCC Method
GPT/ALT (4+1) Kinetic	Modified IFCC Method
GPT/ALT (1+1) Kinetic	Modified IFCC Method
GPT/ALT Colorimetric	End Point Colorimetric Method
GPT/ALT (Single Reagent)	Modified IFCC Method
G6PDH (Single test)	UV Kinetic Method
LDH	(4+1) ,(1+1) Modified DGKC Method
Lipase W. Calibrator	Kinetic Method
Vitamin D	EIA Method

### iii- Electrolytes

#### Description

Ammonia II	GLDH - NADH
Ammonia (Single Reagent)	GLDH - NADH
Calcium	O-CPC / AMP Buffer
Calcium (Single Reagent)	Arsenazo III
Chloride (Single Reagent)	Colorimetric End Point
CO2 (Bicarbonate)	Colorimetric PEPC
Copper (Single Reagent)	Dibrom-PAESA
Total Iron (Single Reagent)	Chromazurol B
Total Iron - Ferrozine	Ferrozine
Iron / TIBC	Ferrozine
Total Iron Binding Capacity	TIBC Direct Liquid
Iron (Single Reagent)	Nitro - PAPS
Magnesium (Single Reagent)	Xylidyl Blue
Phosphorus UV (Single Reagent)	UV End Point
Phosphorus Colorimetric	Colorimetric End Point
Potassium (Single Reagent)	Tetraphenylborate Colorimetric
Sodium (Single Reagent)	Phosphonazo III Colorimetric
Zinc (Single Reagent)	5-Brom-PAPS

### Controls & Calibrators

#### Description

ASO Standard Super High	
CRP Standard Super High	
Cystatin C Calibrator Set	A dilution of calibrated human plasma.
Fibrinogen Standard	
Microalbumin Standard	
HbA1c calibrator set	Calibrated blood for standardization of quantitative determination of HbA1c
Immunology Control High	
Immunology Control Low	
Microalbumin Control set	A dilution of human plasma.
Plasma Control Set (1 x 1ml Normal Control)	
Plasma Control Set (1 x 1ml Abnormal Control)	Stabilized Analyzed Freeze Dried Human Plasma for Coagulation Assays
Plasma Control Set (2 x 1ml Normal&Abnormal Controls)	

RF Standard Super High	A dilution of calibrated human plasma.
Specific Protein standard ,control	
SP-Normotrol	Lyophilized Human - Based Control Serum (Control Serum for Clinical Chemistry)
SP-Pathotrol	
SP-Multical.	Analyzed Lyophilized Calibrated Human Serum

### Infectious Immunology, Bacteriology

#### Description

Brucella Abortus	Smooth Killed Suspension of Brucella Abortus Antigen for Slide & Tube Test
Brucella Melitensis	Smooth Killed Suspension of Brucella Melitensis Antigen for Slide & Tube Test
Brucella Combo (with pos. control)	Smooth Killed Suspension of Brucella Abortus & Melitensis Antigen for Slide & Tube Test
Widal Set (with pos. control)	Ready to use, Color Coded Killed Suspension of S. Typhi O&H, S. Paratyphi AH, BH, CH, CO, AO, and BO Antigens for Slide & Tube Test
RPR Syphilis	A qualitative and quantitative test for the detection of Non-Treponema in serum or plasma
Rose Bengal Brucella Antigen	Smooth Killed Suspension of Brucella Abortus , Melitensis & Suis Antigen for Slide & Tube Test
Toxo Latex	A qualitative and semi-quantitative detection of Toxoplasma gondii antibodies in serum

### Immunochemistry

#### Description

ASOT Latex	Latex Agglut. For the Detection of ASOT
CRP Latex	Latex Agglut. For the Detection of CRP
RF Latex	Latex Agglut. For the Detection of IgM RF.

### Turbi Latex Quantitative Test

#### Description

ASO	
CRP	
RF	
Ferritin	
Micro Albumin in Urine	Particle - enhanced
Lipoprotein a (LpA)	turbidimetric immunoassay
Cardiac Troponin I assay ( cTnl )	

### Turbidimetric Immunoassay

#### Description

ASO	
CRP	
CRP/hs(C- Reactive protein)	Immuno turbidimetry For Manual and Automation
Cystatin C	
D-Dimer	