



# INNOVATIVE SOLUTIONS FOR PEOPLE



**ISO 13485:2016 and WHO-GMP certified**

# CUTTING-EDGE TECHNOLOGY



# REDEFINING EXCELLENCE





# INNOVATIVE SOLUTIONS FOR PEOPLE

BioSci Healthcare is a leading In-Vitro Diagnostics company based out of Bhopal, Madhya Pradesh, India, which is geographically located in the center of the country.

With over 30 years of experience, we strive to be a world-class leader in the global IVD industry.

Our wide range of products include:

- Reagents and Test Kits (Rapid Diagnostic Tests, Urine Analysis Strips, Biochemistry Reagents)
- Equipments such as Electrolyte Analyzer, Fully-Automated and Semi-Automated Biochemistry Analyzer, Hematology Cell Counter
- Consumables (Blood Collection Tubes)

Our manufacturing facilities are ISO 13485:2016 certified, WHO-GMP qualified, employ cutting-edge technology and stringent quality control measures.

Focus on quality is our core-competency as we firmly believe that quality is the key to success. Our manufacturing setup employs world class manufacturing technology and latest machinery along with experienced, dedicated manpower with a can-do attitude. Through our customer-centric mindset, we offer our products in premium packaging to serve the customized requirements of our customers.



## MISSION

To provide diagnostic solutions effectively, efficiently, ethically and economically.

## VISION

To be a leading provider of affordable diagnostic products globally.

BioSci Healthcare believes that the correct diagnosis along with proper treatment decisions help enhance quality of life.

## GOALS

To build an unmatched reputation in the healthcare sector through regional and international expansion and develop a strong collaborative partner network that significantly increases the client base.

## TESTED, TRUSTED... WORLDWIDE.

We are proud to deliver premium In-Vitro Diagnostic products to customers across the world who share our appreciation of quality and commitment to patient safety.



For many years, we have been establishing a worldwide sales and service network that offers a high level of quality and customer satisfaction.

### AFTER MARKET

#### INDIA

100+ Distributors

#### INTERNATIONAL

3 Continents

20+ Countries





# Product List

## Rapid Diagnostic Kit

### BioSci True Detect Malaria Ag P.f/Pan

**Detection Marker** – Qualitative differential detection of Histidine-rich protein II (HRP II) antigen of Plasmodium falciparum and Plasmodium lactate dehydrogenase (pLDH) antigen of Plasmodium vivex, Plasmodium ovale, Plasmodium malari

**20-25  
MIN**

TEST TIME

**200  
PARASITES/ $\mu$ L  
ANALYTICAL  
SENSITIVITY**

**5  $\mu$ L  
SAMPLE  
VOLUME**

**105-140  
 $\mu$ L  
ASSAY BUFFER  
VOLUME**

**Sensitivity 100%  
Specificity 100%**

**Sample Type** – Whole Blood

**Intended Use** – Clinical Professionals Only

**Pack Size** – 25 & 50

**Shelf Life** – 24 Months



### BioSci True Detect Dengue Antibody (IgG/IgM)

**Detection Marker** – Qualitative differential detection of Anti-Dengue IgG and Anti-Dengue IgM antibodies

**10  $\mu$ L  
SAMPLE  
VOLUME**

**35-70  
 $\mu$ L  
ASSAY BUFFER  
VOLUME**

**20  
MIN**

TEST TIME

**Sensitivity 99.10%  
Specificity 99.50%**

**Sample Type** – Serum, Plasma & Whole Blood

**Intended Use** – Clinical Professionals Only

**Pack Size** – 25 & 50

**Shelf Life** – 24 Months

### BioSci True-Detect Dengue NS1 Antigen & Antibody

**Detection Marker** – Qualitative differential detection of Dengue NS1 Antigen and Anti-Dengue IgG, Anti-Dengue IgM antibodies. Intended as an aid to an early diagnosis of dengue infection & presumptive diagnosis between primary & secondary dengue infection.

**20  
MIN**

TEST TIME

**35-70  
 $\mu$ L  
ASSAY BUFFER  
VOLUME**

**25-50  $\mu$ L  
(DENGUE NS1 AG)  
10  $\mu$ L  
(DENGUE ANTIBODY)  
SAMPLE  
VOLUME**

**1.0  
NG/ML  
(DENGUE NS1 AG)  
ANALYTICAL  
SENSITIVITY**

**Sensitivity** For NS1 100% & For IgG/IgM 99.1%  
**Specificity** For NS1 100% & For IgG/IgM 99.5%  
**Sample Type** – Serum, Plasma & Whole Blood  
**Intended Use** – Clinical Professionals Only  
**Pack size** – 10 & 25  
**Shelf Life** – 24 Months







### BioSci True Detect Malaria Ag P.f / P.v

**Detection Marker** – Qualitative differential detection of Histidine-rich protein II (HRP II) antigen of Plasmodium falciparum and Plasmodium lactate dehydrogenase (pLDH) antigen of Plasmodium vivax

<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>200</b> PARASITES/<math>\mu</math>L ANALYTICAL SENSITIVITY</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>5 <math>\mu</math>L</b> SAMPLE VOLUME</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>105-140</b> <math>\mu</math>L ASSAY BUFFER VOLUME</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>20-25</b> MIN</p> </div>
---	--	--	--

**Sensitivity** 100%  
**Specificity** 100%  
**Sample Type** – Whole Blood  
**Intended Use** – Clinical Professionals Only  
**Pack Size** – 25 & 50  
**Shelf Life** – 24 Months

TEST TIME

### BioSci True-Detect Dengue NS1 Antigen

**Detection Marker** – Qualitative detection of Dengue NS1 Antigen

<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>20</b> MIN</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>1.0</b> NG/ML ANALYTICAL SENSITIVITY</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>25-30</b> <math>\mu</math>L SAMPLE VOLUME</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>70-80</b> <math>\mu</math>L ASSAY BUFFER VOLUME</p> </div>
---	---	--	--

TEST TIME

**Sensitivity** 100%  
**Specificity** 100%  
**Sample Type** – Serum & Plasma  
**Intended Use** – Clinical Professionals Only  
**Pack Size** – 10, 25 & 50  
**Shelf Life** – 24 Months



### BioSci True-Detect H.pylori Antibody (IgG/IgM)

**Detection Marker** – Qualitative detection of Anti-H.pylori IgG and IgM antibodies

<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>10<math>\mu</math>L &amp;</b> <b>25<math>\mu</math>L</b> SAMPLE VOLUME</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>35-70</b> <math>\mu</math>L ASSAY BUFFER VOLUME</p> </div>	<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>20</b> MIN</p> </div>
---	--	---

**Sensitivity** 99.65%  
**Specificity** 100%  
**Sample Type** – Serum, Plasma & Whole Blood  
**Intended Use** – Clinical Professionals Only  
**Pack Size** – 10, 25 & 50  
**Shelf Life** – 24 Months

TEST TIME

# Product List

Rapid Diagnostic Kit

## BioSci True-Detect Syphilis Antibody

**Detection Marker** – Qualitative detection of Anti-syphilis (IgG/IgM) antibodies to Tp15, Tp17 & Tp47 antigen of *Treponema pallidum*.

**20  
MIN**

TEST TIME

**25-30  
µL**  
SAMPLE  
VOLUME

**35-70  
µL**  
ASSAY BUFFER  
VOLUME

**Sensitivity 100%**  
**Specificity 99.55%**

**Sample Type** – Serum, Plasma & Whole Blood

**Intended Use** – Clinical Professionals Only

**Pack Size** – 25 & 50

**Shelf Life** – 24 Months



## BioSci True-Detect Early Pregnancy Detection Test

**Detection Marker** – Qualitative detection of human chorionic-gonadotrophic hormone (hCG) for detection of pregnancy.

**25  
MIU/ML**  
ANALYTICAL  
SENSITIVITY

**3  
DROPS**  
SAMPLE  
VOLUME

**05  
MIN**

TEST TIME

**Sensitivity 25mIU/ml**

**Specificity 100%**

**Sample Type** – Urine

**Intended Use** – Self Test Kit

**Pack Size** – 10, 25 & 50

**Shelf Life** – 24 Months

## BioSci True-Detect Sickle Cell Rapid Test

**Detection Marker** – Lateral Flow Chromatographic immunoassay for the Qualitative Differential detection of hemoglobins HbA, HbS and HbC to diagnose Normal, Sickle Cell Trait, Sickle Cell Disease and HbSC Disease condition in human whole blood specimen.

**15  
MIN**

TEST TIME

**5  
µL**  
SAMPLE  
VOLUME

**100  
µL**  
ASSAY BUFFER  
VOLUME

**Sensitivity 100%**  
**Specificity 100%**

**Sample Type** – Whole Blood Specimen

**Intended Use** – Clinical Professionals Only

**Pack Size** – 10, 25 & 50

**Shelf Life** – 24 Months







### BioSci True-Detect HIV 1/2 Antibody

**Detection Marker** – Qualitative differential detection of Anti-HIV-1 and Anti-HIV-2 antibodies to p24, gp41, gp120 antigens of HIV-1 and gp-36 antigen of HIV-2.

<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>25-30</b> µL SAMPLE VOLUME</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>35-70</b> µL ASSAY BUFFER VOLUME</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>20</b> MIN</p> </div>
		TEST TIME

**Sensitivity** 100%  
**Specificity** 100%  
**Sample Type** – Serum, Whole Blood  
**Intended Use** – Clinical Professionals Only  
**Pack Size** – 25 & 50  
**Shelf Life** – 24 Months

### BioSci True-Detect HCV Antibody

**Detection Marker** – Qualitative detection of Anti-HCV antibodies to core, NS3, NS4 and NS5 antigen

<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>20</b> MIN</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>25-30</b> µL SAMPLE VOLUME</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>35-70</b> µL ASSAY BUFFER VOLUME</p> </div>
TEST TIME		

**Sensitivity** 100%  
**Specificity** 99.63%  
**Sample Type** – Serum, Plasma & Whole Blood  
**Intended Use** – Clinical Professionals Only  
**Pack Size** – 25 & 50  
**Shelf Life** – 24 Months



### BioSci True Detect HBsAg

**Detection Marker** – Qualitative detection of Hepatitis B Surface antigen

<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>0.5</b> NG/ML ANALYTICAL SENSITIVITY</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>25-50</b> µL SAMPLE VOLUME</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>35-70</b> µL ASSAY BUFFER VOLUME</p> </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 60px; margin: 0 auto;"> <p><b>20</b> MIN</p> </div>
			TEST TIME

**Sensitivity** 100%  
**Specificity** 100%  
**Sample Type** – Serum, Plasma & Whole Blood  
**Intended Use** – Clinical Professionals Only  
**Pack Size** – 25 & 50  
**Shelf Life** – 24 Months



### RAPID DIAGNOSTIC KITS

- Chikungunya Antibody (IgG/IgM) Rapid Test
- Chikungunya Antibody (IgM) Rapid Test
- Covid-19 Antigen Rapid Test
- Covid-19 Antigen RT-PCR Test
- Dengue Combo (Ag+Ab) Rapid Test
- Dengue IgG/IgM Rapid Test
- Dengue virus NS1 Antigen Test
- H.pylori Antibody (IgG/IgM) Rapid Test
- HBsAg Rapid Test Device
- HCV Antibody Rapid Test Kit
- HIV+SYP Combo Rapid Test
- HIV-1/2 Antibody Rapid Test
- Human Chorionic Gonadotropin (hCG) Test (Midstream)
- Human Chorionic Gonadotropin (hCG) Test (Mini)
- Human Chorionic Gonadotropin (hCG) Test (Regular)
- Human Chorionic Gonadotropin (hCG) Test (Strip)
- Leptospira Antibody (IgG/IgM) Rapid Test
- Luteinizing Hormones (LH) Test Kit
- Malaria Antigen (Pf/Pan) Rapid Test Device
- Malaria Antigen (Pf/Pv) Rapid Test Device
- Scrub Typhus Ab Rapid Test
- Sickle Cell Rapid Test
- Syphilis Antibody Test Device
- Syphilis Antibody Test Strip
- Typhoid Antibody (IgG/IgM) Rapid Test
- Typhoid Antibody (IgM) Rapid Test
- Viral Transport Medium







### BioSci True-detect Urine Strip 10P Rapid test Kit

**Intended Use** – 10P test kits is a medical device intended for the detection of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, Glucose in human Urine

**Method** – Dipstick Assay  
**Pack Size** – 50 & 100  
**Shelf Life** – 24 Months

### BioSci True-detect Urine Strip 2K Rapid test Kit

**Intended Use** – 2K test kits is a medical device intended for the detection of Glucose, Ketone in human Urine

**Method** – Dipstick Assay  
**Pack Size** – 50 & 100  
**Shelf Life** – 24 Months



### BioSci True-detect Urine Strip 2P Rapid test Kit

**Intended Use** – 2P test kits is a medical device intended for the detection of Glucose, Protein in human Urine

**Method** – Dipstick Assay  
**Pack Size** – 50 & 100  
**Shelf Life** – 24 Months



### BioSci True-detect Urine Strip 4S Rapid test Kit

**Intended Use** – 4S test kits is a medical device intended for the detection of Glucose, Protein, S.G, pH in human Urine

**Method** – Dipstick Assay  
**Pack Size** – 50 & 100 Test  
**Shelf Life** – 24 Months



## Product List

### Urine Analysis Test Strips

- 2P (Glucose, Protein)
- 2K (Ketone, Glucose)
- 4S (Protein, Glucose, pH, S.G)
- 4P (Protein, Glucose, Ketone, pH)
- UTI (Nitrite, Leucocytes)
- 10P (Blood, Bilirubin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific Gravity, Leucocytes)
- Urine Analysis Strip IG (Glucose)
- Test Urine Analysis Strip
- 11P (BLO, BIL, URO, KET, PRO, NIT, GLU, PH, SG, LEU & ASC) Test



### Urine Analysis Upcoming Products

- Urine Analysis Strip 1M (Microalbumin)
- Urine Analysis Strip 2PM (Glucose & Microalbumin)
- Urine Analysis Strip 3PM (Glucose, Protein & Microalbumin)
- Urine Analysis Strip 4K (Glucose, Protein, Ketone & Microalbumin)
- Urine Analysis Strip 4PM (Glucose, Protein, pH & Microalbumin)
- Urine Analysis Strip 10PM (Blood, Microalbumin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific Gravity & Leucocytes)
- Urine Analysis Strip 11PM (Blood, Microalbumin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific Gravity, Ascorbic Acid & Leucocytes)
- Urine Analysis Strip 14PM (Blood, Microalbumin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific Gravity, Ascorbic Acid, Leucocytes, Creatinine & Calcium)





## BioSci Micro-protein Kit

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Micro-protein in human urine and CSF on photometric analyzers.

### Product information

Endpoint, increasing,  
measuring Range 10 to 200mg/dl  
Liquid Two Reagent

**Method** – Pyrogallol Red, Chlorimetric

**Pack Size** – 50ml

**Shelf Life** – 24 Months

**Storage** – 2°C – 8°C



## BioSci Electrolyte Reagent Kit

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Electrolytes in human serum or plasma on electrolyte analyzers.

### Performance information

End point, increasing, measuring

### Product information

Liquid Two Reagent

**Pack Size** – 500ml

**Shelf Life** – 24 Months

**Storage** – 2°C – 30°C

## BioSci ADA (Colorimetric)

**Intended Use:** Diagnostic reagent for in-vitro estimation of Adenosine Deaminase (ADA) activity in serum/plasma

### Performance information

Reaction, Rate Kinetic, Increasing  
Measuring Range 4U/L to 176U/L,  
Open bottle inuse stability 60 days,  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** – Photometric Enzymetic Test

**Pack Size** – 50ml

**Shelf Life** – 24 Months

**Storage** – 2°C – 8°C



## BioSci Albumin (BCG)

**Intended Use:** Diagnostic reagent for in-vitro estimation of albumin in serum/plasma

### Performance information

Reaction End point, Increasing  
Measuring Range 0.2g/dL to 6g/dL  
Open bottle inuse stability 60 days  
On-board stability 21 days

### Product information

Liquid Single Reagent

**Method** – BCG dye EndPoint

**Pack Size** – 2\*50ml, 2\*100ml, 5\*100ml, 4\*25ml

**Shelf Life** – 24 Months

**Storage** – 2°C – 8°C

# Product List



## BioSci Alkaline phosphatase (Mod. IFCC, AMP Buffer)

**Intended Use:** Diagnostic reagent for in-vitro estimation of alkaline phosphatase or its isoenzymes in serum/plasma.

### Performance information

Reaction, Rate Kinetic, Increasing  
Measuring Range 2U/L to 2000U/L  
Open bottle in-use stability 60 days  
On-board stability 15 days

### Product information

Liquid Two Reagent  
**Method** – Mod. IFCC, AMP  
**Pack Size** – 20x1ml, 2x25ml, 2x50ml, 4x25ml  
**Shelf Life** – 24 Months  
**Storage** – 2°C - 8°C

## BioSci ALT(SGPT) Mod. IFCC

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of SGPT in human serum/plasma on photometric analyzers

### Performance information

Reaction, Rate Kinetic, Decreasing  
Measuring Range 4U/L to 500U/L  
Open bottle in-use stability 60days  
On-board stability 28days

### Product information

Liquid Two Reagent  
**Method** – Mod. IFCC  
**Pack Size** – 2x50ml, 2x25ml, 4x25ml, 10x25ml  
**Shelf Life** – 24 Months  
**Storage** – 2°C - 8°C



## BioSci Amylase (CNP3)

**Intended Use:** Diagnostic reagent for in-vitro estimation of the enzyme amylase in serum, saliva or urine.

### Performance information

Reaction, Rate Kinetic, Increasing  
Measuring Range 2U/L to 2000U/L  
Open bottle in-use stability 60 days  
On-board stability 28 days

### Product information

Liquid Single Reagent  
**Method** – CNP3, Rate Kinetic  
**Pack Size** – 1x10ml, 2x10ml, 4x10ml, 20x1ml, 10x1ml  
**Shelf Life** – 24 Months  
**Storage** – 2°C - 8°C





## BioSci Chlorides (Thiocyanate)

**Intended Use:** Diagnostic reagent for in-vitro estimation of total chloride in serum/plasma.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 2mmol/L to 140mmol/L  
Open bottle in-use stability 60days

### Product information

Liquid Single Reagent

**Method** – Thiocyanate, End Point

**Pack Size** – 20x1ml, 1x10ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci Cholesterol (CHOD/PAP)

**Intended Use:** Diagnostic reagent for in-vitro estimation of cholesterol in serum or plasma.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 2mg/dL to 1000mg/dL  
Open bottle in-use stability 60 days  
On-board stability 28 days

### Product information

Liquid Single Reagent

**Method** – Trinder (CHOD/PAP)

**Pack Size** – 4x25ml, 5x100ml, 2x50ml, 1x50ml, 2x25ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C

**BioSci Cholesterol HDL**  
**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of HDL Cholesterol in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 3mg/dL to 200mg/dL  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** – Direct Method

**Pack Size** – 4x25 ml, 2x25 ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci Cholesterol LDL

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of LDL cholesterol in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 3mg/dL to 350mg/dL  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** – Direct Method

**Pack Size** – 4x25 ml, 2x25 ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C

# Product List

## Biochemistry Reagents

### BioSci AST(SGOT)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of SGOT in human serum/plasma on photometric analyzers.

#### Performance information

Reaction, Rate Kinetic, Decreasing  
Measuring Range 4U/L to 500U/L  
Open bottle in-use stability 60 days  
On-board stability 28 days

#### Product information

Liquid Two Reagent

**Method** – Mod. IFCC

**Pack Size** – 2×50ml, 2×25ml, 4×25ml, 10×25ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



### BioSci Calcium (Arsenazo III)

**Intended Use:** Diagnostic reagent for in-vitro estimation of total calcium in human serum or plasma

#### Performance information

Reaction, End Point, Increasing  
Measuring Range 0.2mg/dL to 20mg/dL  
Open bottle in-use stability 60 days  
On-board stability 28 days

#### Product information

Liquid Single Reagent

**Method** – Arsenazo III, EndPoint

**Pack Size** – 2x25ml, 20x1ml, 10x1ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



### BioSci Bilirubin Direct (DCA)

**Intended Use:** Diagnostic reagent for in-vitro estimation of bilirubin (direct) in serum/plasma.

#### Performance information

Reaction, End Point, Increasing  
Measuring Range 0.1mg/dL to 15mg/dL  
Open bottle in-use stability 60 days  
On-board stability 15 days

#### Product information

Liquid Two Reagent

**Method** – Modified Jendrasik & Grof, End Point

**Pack Size** – 2x50ml, 4x25ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



### BioSci Bilirubin Total (DCA)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Total Bilirubin in human serum/plasma on photometric analyzers.

#### Performance information

Reaction, End Point, Increasing  
Measuring Range 0.2mg/dL to 20mg/dL  
Open bottle in-use stability 60 days  
On-board stability 15 days

#### Product information

Liquid Two Reagent

**Method** – Modified Jendrasik & Grof, End Point

**Pack Size** – 2x50ml, 4x25ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C





## BioSci CK MB

**Intended Use:** Diagnostic reagent for in-vitro estimation of the enzyme creatine phosphokinase or its isoenzymes in serum or plasma.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 0.1mg/dL to 15mg/dL  
Open bottle in-use stability 60 days  
On-board stability 15 days

### Product information

Liquid Two Reagent

**Method** – IFCC, Immunoinhibition, Rate Kinetic

**Pack Size** – 1x10ml, 1x25ml, 10x1ml, 5x5ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci Glucose(GOD/POD)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Glucose in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 2mg/dL to 500mg/dL  
Open bottle in-use stability 60 days  
On-board stability 28 days

### Product information

Liquid Single Reagent

**Method** – GOD/POD, End Point

**Pack Size** – 2x50ml, 5x100ml, 1xL, 2x500ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci Gamma GT (Glupa C)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Gamma GT in human whole blood on photometric analyzers.

### Performance information

Reaction, Rate Kinetic, Increasing  
Measuring Range 2U/L to 400U/L  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** – GlupaC, Rate Kinetic

**Pack Size** – 1x10ml, 10x1ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci LDH-P(P - L)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of LDH-P in human whole blood on photometric analyzers.

### Performance information

Reaction, Rate Kinetic, Decreasing  
Measuring range 5U/L to 2000U/L  
Open bottle in-use stability 60 days  
On-board stability 15 days

### Product information

Liquid Two Reagent

**Method** – Pyruvate - Lactate

**Pack Size** – 1x10ml, 10x1ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



# Product List

## BioSci Creatinine SR (Jaffe)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Creatinine SR in human serum or plasma on photometric analyzers.

### Performance information

Reaction, Fixed Time Kinetic, Increasing  
Measuring Range 0.2mg/dL to 20mg/dL  
Open bottle in-use stability 60 days

### Product information

Liquid Single Reagent

Method – Jaffe

Pack Size – 2×50ml, 2×100ml

Shelf Life – 24 Months

Storage – 2°C – 8°C



## BioSci Creatinine (Enzymatic)

**Inteded Uses**– Diagnostic reagent for in-vitro quantitative determination of Creatinine concentration in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
Measuring Range, 0.2mg/dL to 180mg/dL  
Open bottle in-use stability 60days  
Onboard stability 21days

### Product information

Liquid Two Reagent

Method – Enzymatic

Pack Size – 2×50ml, 2×100ml

Shelf Life – 24 Months

Storage – 2°C – 8°C

## BioSci Cholinesterase (DGKC)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Cholinesterase in human whole blood on photometric analyzers.

### Performance information

Reaction, Rate Kinetic, Decreasing  
Measuring Range 40U/L to 1000U/L  
Open bottle in-use stability 60 days  
On-board stability 15 days

### Product information

Liquid Two Reagent

Method – DGKC

Shelf Life – 24 Months

Pack Size – 2×50ml, 2×100ml

Storage – 2°C – 8°C



## BioSci CK (NAC Activated)

**Intended Use:** Diagnostic reagent for in-vitro estimation of the CK NAC activity in serum or plasma.

### Performance information

Reaction, Fixed Time Kinetic, Increasing  
Measuring Range 20U/L to 800U/L  
Open bottle in-use stability 60 days  
On-board stability 28 days

### Product information

Liquid Two Reagent

Method – IFCC, Rate Kinetic

Pack Size – 1x10ml, 1x25ml, 10x1ml, 5x5ml

Shelf Life – 24Months

Storage – 2°C - 8°C



## BioSci Phosphorous(UV)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Phosphorus in human serum/plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 0.5mg/dL to 15mg/dL  
Open bottle in-use stability 60 days  
On-board stability 15 days

### Product information

Liquid Single Reagent

**Method** – Molybdate, UV EndPoint

**Pack Size** – 20x1ml, 1x10ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci Rheumatoid Factor (RF)

**Inteded Use** – Diagnostic reagent for in-vitro quantitative determination of Rheumatoid Factor in human whole blood on photometric analyzers.

### Performance information

Reaction, Fixed Time Kinetic, Increasing  
Measuring Range 6U/ml to 160U/ml  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** – Turbilatex

**Pack Size** – 50ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C

## BioSci Sodium (Colorimetric)

**Intended Use:** Diagnostic reagent for in-vitro estimation of sodium in serum or plasma.

### Performance information

Reaction, End Point, Increasing  
Measuring range 1mmol/L to 180mmol/L  
Open bottle in-use stability 30 days

### Product information

Liquid Single Reagent

**Method** – Colorimetric

**Pack Size** – 20x1ml, 1x10ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C



## BioSci Total Protein (Biuret)

**Intended Use** – Diagnostic reagent for in-vitro quantitative determination of Total Protein in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End point, Increasing  
Measuring Range 0.2g/dL to 15g/dL  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Single Reagent

**Method** – Biuret, Endpoint

**Pack Size** – 2x100ml, 2x50ml, 4x25ml

**Shelf Life** – 24 Months

**Storage** – 2°C - 8°C

# Product List

## BioSci Lipase (Colorimetric)

**Intended Use** - Diagnostic reagent for in-vitro quantitative determination of Lipase in human serum or plasma on photometric analyzers.

### Performance information

Reaction, Rate Kinetic & Fixed Time, Increasing  
Measuring Range 1U/L to 300U/L  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** - Colorimetric, Fixed Time Kinetic

**Pack Size** - 1x10ml, 1x25ml, 10x1ml, 5x5ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C



## BioSci Microalbumin

**Intended Use** - Diagnostic reagent for in-vitro quantitative determination of Microalbumin in human whole blood on photometric analyzers.

### Performance information

Reaction, Fixed Time Kinetic, Increasing  
Measuring Range 2mg/L to 400mg/L  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Two Reagent

**Method** - End point

**Pack Size** - 2x25ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C

**BioSci Magnesium**  
**Intended Use** - Diagnostic reagent for in-vitro quantitative determination of Magnesium in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
Measuring Range 0.2mg/dL to 5mg/dL  
Open bottle in-use stability 60 days  
On-board stability 21 days

### Product information

Liquid Single Reagent

**Method** - Xylidyl Blue

**Pack Size** - 20x1ml, 1x10ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C



## BioSci Potassium

**Intended Use:** Diagnostic reagent for in-vitro estimation of potassium in human serum or plasma.

### Performance information

Reaction, Rate Kinetic, Decreasing  
Measuring Range 1mm/L to 8mm/L, 40U/L to 1000U/L  
Open bottle in-use stability 60 days  
On-board stability 15 days

### Product information

Liquid Single Reagent

**Method** - Tetraphenylboron, End Point

**Pack Size** - 20x1ml, 1x10ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C



## SEROLOGY



### BioSci ASO(Turbilatex)

**Intended Use:** Diagnostic reagent for in-vitro estimation of anti-streptolysin O (ASO) in human serum or plasma.

#### Performance information

Reaction, Fixed Time Kinetic, Increasing  
 Measuring Range 10U/mL to 800U/mL  
 Open bottle in-use stability 60 days  
 On-board stability 28 days

#### Product information

Liquid Two Reagent  
**Method – Turbilatex**  
**Pack Size – 50ml**  
**Shelf Life – 24 Months**  
**Storage – 2°C - 8°C**

### BioSci HbA1C (Turbilatex)

**Intended Use –** Diagnostic reagent for in-vitro quantitative determination of glycosylated hemoglobin (HbA1C) in human whole blood on photometric analyzers.

#### Performance information

Reaction, End Point, Increasing  
 Measuring Range 4% to 16%  
 Open bottle in-use stability 60 days  
 On-board stability 21 days

#### Product information

Liquid Two Reagent  
**Method – Turbilatex**  
**Pack Size – 40ml**  
**Shelf Life – 24 Months**  
**Storage – 2°C - 8°C**



### BioSci CRP(Turbilatex)

**Intended Use –** Diagnostic reagent for in-vitro quantitative determination of C-reactive protein (CRP) in human whole blood on photometric analyzers.

#### Performance information

Reaction, Fixed Time Kinetic, Increasing  
 Measuring Range 2mg/L to 150mg/L  
 Open bottle in-use stability 60 days  
 On-board stability 28 days

#### Product information

Liquid Two Reagent  
**Method – Turbilatex**  
**Pack Size – 50ml**  
**Shelf Life – 24 Months**  
**Storage – 2°C - 8°C**



# Product List



## BioSci Triglycerides(GPO/PAP)

**Intended Use** - Diagnostic reagent for in-vitro quantitative determination of triglycerides in human serum or plasma on photometric analyzers.

### Performance information

Reaction, End Point, Increasing  
 Measuring Range 2mg/dL to 1000mg/dL  
 Open bottle in-use stability 60 days  
 On-board stability 28 days

### Product information

Liquid Single Reagent

**Method** - GPO/PAP, End Point

**Pack Size** - 2x50ml, 2x25ml, 4x25ml, 10x25ml, 5x100ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C

## BioSci Urea(Urease/GLDH)

**Intended Use** - Diagnostic reagent for in-vitro quantitative determination of Urea in human serum or plasma on photometric analyzers.

### Performance information

Reaction, Fixed Time, Decreasing  
 Measuring Range 2mg/dL to 300mg/dL  
 Open bottle in-use stability 60 days

### Product information

Liquid Two Reagent

**Method** - GLDH UV, Fixed time Kinetic

**Pack Size** - 2x50ml, 2x25ml, 1x50ml, 4x25ml, 10x25ml, 4x50ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C



## BioSci Uric acid(Uricase)

**Intended Use** - Diagnostic reagent for in-vitro quantitative determination of Uric Acid in human serum or plasma on photometric analyzers

### Performance information

Reaction, End Point, Increasing  
 Measuring range 0.7mg/dL to 25mg/dL  
 Open bottle in-use stability 60 days  
 On-board stability 28 days

### Product information

Liquid Single Reagent

**Method** - Uricase

**Pack Size** - 2x25ml, 4x25ml, 10x25ml, 2x50ml

**Shelf Life** - 24 Months

**Storage** - 2°C - 8°C

## SYSTEM PACK REAGENTS

**BioSci Healthcare** offers test reagent packs for many different fully automated clinical chemistry analyzers such as Mindray (BS-240), BioSystem (BA-400, A-15), Zybio (EXC-200, EXC-420), DIRUI (CS-480), Getein (DC-300, DC-400) and many others



# Biochemistry Test Reagents

- Acid Phosphatase Test Reagent
- Albumin Test Reagent
- Alanine Amino Transferase (ALT) / SGPT Test Reagent
- Alkaline Phosphatase Test Reagent
- Amylase Test Reagent
- Aspartate Amino Transferase (AST) / SGOT Test Reagent
- Bilirubin Test Reagent (Total/Direct)
- Bilirubin Test Reagent (Total)
- Bilirubin Test Reagent (Direct)
- Calcium Test Reagent
- Chloride Test Reagent
- Cholesterol (Total) Test Reagent
- HDL Cholesterol Test Reagent
- LDL Cholesterol Test Reagent
- Cholinesterase Test Reagent
- Creatine Kinase (CK- NEC) Test Reagent
- Creatine Kinase (CK-MB) Test Reagent
- Creatinine Test Reagent
- Glucose Test Reagent
- Gamma Glutamyl Transferase (GGT) Test Reagent
- HbA1C Test Reagent
- Hemoglobin Test Reagent
- IRON Test Reagent
- LDH (Lactate Dehydrogenase) Test Reagent
- Lipase Test Reagent
- Potassium Test Reagent
- Phosphorous Test Reagent
- Sodium Test Reagent
- Total Protein (s) Test Reagent
- Triglycerides Test Reagent
- Urea Test Reagent
- Uric acid Test Reagent
- Electrolyte Reagents pack



# Product List

## Hematology Reagents

### BioSci Diluent

**Intended Use:** In-vitro dilution of blood cells before hematology testing

#### Performance information

All 3PDA hematology analysers  
Open bottle in-use stability 90 days

#### Product information

Particle free, Isotonic Diluent  
**Presentation** – Cubitainer pack

**Pack Size** – 10L & 5L

**Shelf Life** – 18 Months

**Storage** – 2°C - 8°C



### BioSci Lyse

**Intended Use :** Diagnostic reagent for in-vitro lysing of red blood cells (RBCs) in blood samples so that the hemoglobin (HGB) and white blood cell (WBC) counts can be measured

#### Performance information

All 3PDA hematology analysers  
Open bottle in-use stability 90 days  
(Mindray, Nihon kohden, Urit, Erma, Sysmex, Horiba, Rayto & various)

#### Product information

Particle free, Stromatolyser

**Presentation** – Analyser specific bottles

**Pack Size** – 500ml, 1000ml

**Shelf Life** – 24 Months

**Storage** – 15°C - 30°C

**Intended Use :** Cleaner reagents are used to clean and maintain hematology analyzers, including their tubes, capillaries, and chambers

#### Performance information

All 3PDA hematology analysers  
Open bottle in-use stability 90days

#### Product information

Particle free, Cleaner

**Presentation** – Analyzer specific bottles

**Pack Size** – 2x25ml, 4x25ml, 10x25ml

**Shelf Life** – 24 Months

**Storage** – 15°C - 30°C



### BioSci Rinse

**Inteded Use :** Rinse is a reagent intended to be used on 3 part differential hematology analyzer for rinsing the machine

#### Performance information

All 3PDA hematology analysers  
Open bottle in-use stability 90 days

#### Product information

Particle free, Rinse solution

**Presentation** – Cubitainer pack

**Pack Size** – 2x50ml, 2x25ml, 1x50ml, 4x25ml, 10x25ml, 4x50ml

**Shelf Life** – 24 Months

**Storage** – 15°C - 30°C



### K2 EDTA Double Cap



Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800

### K3 EDTA Double Cap

Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800



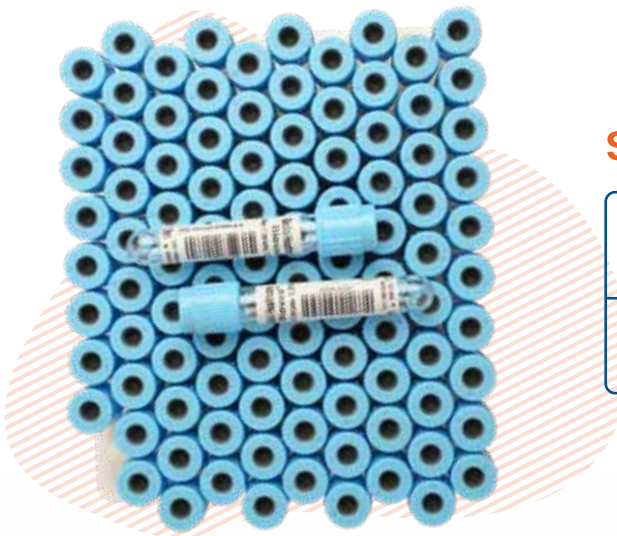
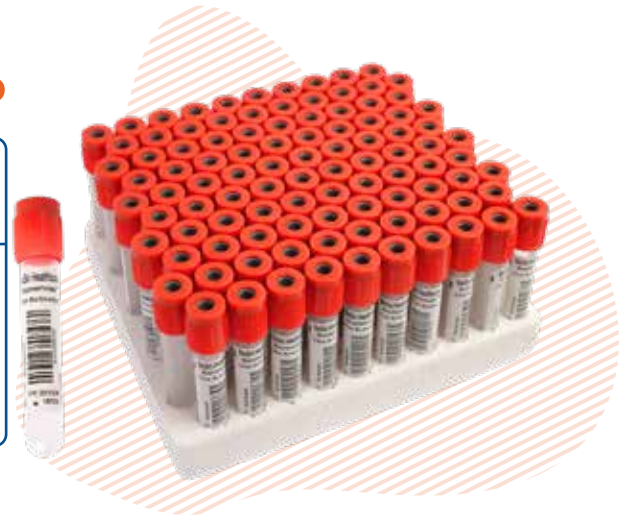
### Plain tube Double Cap



Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800

### Clot Activator Double Cap

Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800



### Sodium Citrate 3.2% Double Cap

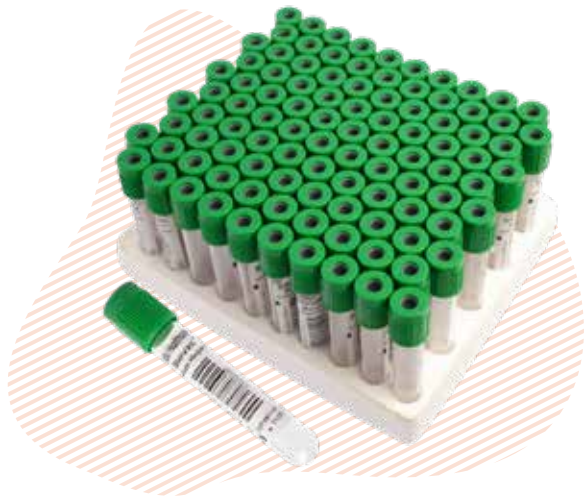
Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	1.8	100	2400	2400
13x75	2.7	100	2400	2400

### Sodium Citrate 3.8% Tube

Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	1.8	100	2400	2400







### Blood Collection Sodium Heparin Tube

Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800

### Blood Collection Lithium Heparin Tube

Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800



### Blood Collection Gel Clot Activator Tube

Tube Size (mm)	Draw Volume (ml)	Inner Packing (Pcs)	Outer Packing VACUUM (Pcs)	Outer Packing NON VACUUM (Pcs)
13x75	2	100	2400	2400
13x75	3	100	2400	2400
13x75	4	100	2400	2400
13x100	5	100	1800	1800
13x100	6	100	1800	1800



# Product List

## Blood Collection Tubes (BCT)

### Blood Collection Tubes

- Blood Collection K2 EDTA Tube (Vacuum/Non Vacuum)
- Blood Collection K3 EDTA Tube (Vacuum/Non Vacuum)
- Blood Collection Serum / Plain Tube (Vacuum/Non Vacuum)
- Blood Collection Clot Activator Tube (Vacuum/Non Vacuum)
- Blood Collection Sodium Citrate 3.2% Tube (Vacuum/Non Vacuum)
- Blood Collection Sodium Citrate 3.8% Tube (Vacuum/Non Vacuum)
- Blood Collection Sodium Heparin Tube (Vacuum/Non Vacuum)
- Blood Collection Lithium Heparin Tube (Vacuum/Non Vacuum)
- Blood Collection Gel Clot Activator Tube (Vacuum/ Non Vacuum)



BLOOD COLLECTION TUBE



**Model Name:**  
**Biochemistry Analyzer**  
**Semi-Automatic BioSci50**



## Technical Specification

- Light source : 12V/20W Halogen Lamp
- Wavelength range : Automatic By & Positions Filter-wheel 7
- Standard filters: 340, 405, 505, 546, 578, 620, 670 nm  
2 Position free for optional filter Half bandwidth 8nm
- Stray Light: 0.3% at 340nm
- Photometric range : 0.0000 to 3.0000 ABS
  - Resolution: 0.0001 ABS
  - Stability: 0.002 A/hour
- Flowcell : Stainless Steel with quartz window measuring volume 32ul, Optical path 10mm  
Aspiration volume programmable: 300-1000ul  
Carryover < 1.0%
- Analysis method : End point with or without reagent blank, End point with sample blank or without sample blank, Kinetic with or without Linearity check, Two-point kinetic/fixed time with or without reagent blank, Absorbance, Turbidimetry, Linear & non-Linear calibration, Coagulation.
- Memory : 120 Open Programmes
  - 30 QC Results
  - 25000 Test Result
- Temperature control : By means of peltier elements  
25°C, 30°C, 37° CO±1°C
- Dry block incubator : 12 Positions at 37°C
- Display : 7" Colour Touch Display
- Print : Built-in thermal printer
- Operating environment :
  - Temperature: 10°C-30°C,
  - Humidity: 70%
- Power : External Universal SMPS adapter  
15V DC, 90W, 100-240V, 50/60 Hz.
- Weight : 5.5kg(Approx)

## Powerful features in a compact unit For Biochemistry

- High Performance Chemistry analyzer
- Compatible with all biochemistry reagents
- Low Maintenance
- 7 Analysis Methods
- Automatic 7 Filters + 1 Free Positions
- Superior Quality Flowcell with Quartz window
- Extremely precise temperature
- Control for better result (25°,30°,37° C Peltier)

## Model Name: Biochemistry Analyzer Fully-Automatic BioSci240



### Technical Specification

- Throughput : 200 Test/Hour
- System type : Discreet, open/closed (Optional)
- Sample : Serum, Urine, Plasma, CSF, Other body fluids
- Measurement principle : Photometric and HIAS (Homogeneous Immuno Assays)
- Wavelengths(9): 340, 405, 450, 510, 546, 578, 620, 660, 690nm
- Photometer Linearity : Up to  $\pm 3.0$  Optical Density
- Light source : Halogen lamp (12V, 20W)
- Programmable Parameters : 50 photometric tests
- Assay modes : End Point, Fixed time, Rate-A, MultiPoint Non Linear
- Sample positions :40 for standard cups/primary tubes/STAT
- Sample volume : 2-50  $\mu\text{l}$  (adjustable in 0.1  $\mu\text{l}$  step)
- STAT Sampling : STAT sampling at any position
- Reagent positions : 40 for combination of 18mL and 5mL bottle size
- Reagent volume : 10 – 300  $\mu\text{l}$  (adjustable in 1  $\mu\text{l}$  step)
- Reagent cooling : 15°C below ambient room temperature (approx 25°C)
- Reaction volume : 150 $\mu\text{l}$  to 300 $\mu\text{l}$
- Level sensing and safety mechanism :
  - Vertical obstruction detection
  - Inventory management by Capacitance based sensing
- Reaction temperature : 37 °C $\pm$  0.2 °C
- Calibration : Max 6 calibrators per test with Calibrator auto-dilution
- Calibration curves : K-Factor, Linear (one, two & multipoint), Logit-log (4P and 5P), Spline, Exponential and Polynomial
- Quality control : Tri level Daily and Monthly L J Graphs with Multi QC Rules
- Mixing type : By paddle mixer with variable speed (Low/ Middle/ High)
- Sample dilution: Pre/Post dilution for Linearity & Substrate Depletion
- Sample and reagent tray: Rotating turn table with insulating cover
- Sample/Reagent Identification : Positive Identification (barcoding) for samples & reagents
- Cuvette washing : 7 stages cuvette washing with drier chip
- Data storage capacity :
  - Test results : 1,000,000,
  - Reaction curve : 40,000 tests
- Graph monitoring : Online for Reaction and Calibration curve
- Water consumption : NCCLS Type II, 4.5 liters/hour (approx)
- Noise level : Less than 65 dB with cover closed
- Weight : Approximately 48Kgs

#### Unique Features

- Variable speed stirring - Low, Middle, High for better accuracy and precision.
- Reagent barcoding and Auto positioning by round turn table.
- Sample barcoding and Auto positioning by round turn table.
- Lamp Off-Sleep function during idling time.
- Maintenance free, ceramic piston syringe pump for precise pipetting in decimal volumes.
- Auto Serial Dilution of Calibrator for special multi point assays like CRP, RF, Apo etc.
- Differential bottle volume: 18mL and 5mL.



**Model Name:**  
**BioSciLyte ECTROLYTE**



**Technical Specification**

- ISE (Ion Selectivity Electrode)
- Low reagent consumption
- Maintenance-free electrode
- Automatic reagent replacement warning
- Simple and reliable design of fluid tubing system and electrodes, minimizing the maintenance work
- Sample: Serum/Plasma/Whole Blood/Urine/CSF
- Sample Volume: 80-150µL
- Reagent Volume: 300µL
- Throughput: 80 samples/hour
- Calibration: Automatic or On-demand
- Printer: Inner Thermal Printer
- Display: 5" Touch Screen
- Storage: Upto 2000 tests
- Interface: RS-232
- Working Conditions:
  - Temperature 15-30°C
  - Humidity : 20%-80%
- Power Requirement : 110~240AV ± 10%,50/60Hz, 80W
- Net weight : 8Kgs

**Technical Parameter**

Item	Linearity (mm ol/L)	Slope	Lifespan
K <sup>+</sup>	0.01-99.00	58	12 months
Na <sup>+</sup>	1.0-999.0	58	12 months
Cl <sup>-</sup>	1.0-999.0	56	12 months
Ca <sup>2+</sup>	0.01-9.9	28	12 months
Li <sup>+</sup>	0.01-9.9	56	12 months
pH-Hct	3.50-10.08	58	12 months

**Electrodes Selection**

- Selection A K<sup>+</sup>, Na<sup>+</sup>
- Selection B K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>
- Selection C K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>++</sup>
- Selection D K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>++</sup>, pH
- Selection E K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Li<sup>+</sup>

**Reagent**

Standard Reagent CAL A	400ml	Deproteinizer	100ml
Standard Reagent CAL B	100ml	ION.Electrode Filler	1ml
Normal Control	100ml	Ref.Electrode Filler	1ml

# Under Development Products

**Next Generation Sequencing(NGS):** A DNA Sequencing technology that can sequence an individual's genome quickly and cost effectively. NGS is used in a variety of applications such as:

**Identifying Pathogens:** NGS can identify organisms like MRSA, E. coli, and C. difficile. It can also assess for antibiotic resistance and virulence factors.

**Oncology:** NGS can consolidate hundreds of cancer-related biomarkers into a single assay. It can also confirm if breast cancer has mutations in genes like AKT1, ESRI, and PIK3CA.

**Sequencing Genomes:** NGS can sequence an entire genome in less than a day.

**RT-PCR:** Real-Time PCR have expanded diagnostic capabilities by enabling quantification, detection of multiple targets simultaneously with 100% accuracy.

**Urine Analyzer:** Semi automatic analyzer & fully automatic analyzer.

**Urine Analysis Strips:** For all parameters with manufacturing facility of fully automated assembly line suitable for both manual and urine analyzer instrument interpretations.

- Urine Analysis Strip 11PM (Blood, Microalbumin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific Gravity, Ascorbic Acid & Leucocytes)
- Urine Analysis Strip 14PM (Blood, Microalbumin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific Gravity, Ascorbic Acid, Leucocytes, Creatinine & Calcium)

**Hematology Analyzer:** 3 part differential hematology analyzer & 5 part differential hematology analyzer

Modular Analyzer with 400 throughput (300 B.C + 100 Clia)

**Urine container** manufacturing 50ml & 30ml.

**Cassette** Manufacturing for rapid tests

Manufacturing of **reagents for CLIA**

Manufacturing of **Quality Controls & Calibrators** for Clinical Chemistry, Hematology and Infectious diseases.

**Auto Disable Safety Lancet:** Manufacturing of a single-use, self-destructive lancet device that's used to collect blood samples

Manufacturing of **blood collecting pen type needles.**

**Culture Plate** manufacturing: A culture plate is low flat-bottomed laboratory container for growing a layer of organisms such as bacteria molds and cells on a thin layer of nutrient medium.





## RAPID DIAGNOSTIC KIT

- Human Chorionic Gonadotropin (hCG) Test
- Human Chorionic Gonadotropin (hCG) Test Reagents & Kits
- Viral Transport Medium
- Dengue IgG/IgM Rapid Test
- Luteinizing Hormones (LH) Test Kit
- H.pylori Antibody (IgG/IgM) Rapid Test
- Typhoid Antibody (IgM) Rapid Test
- Typhoid Antibody (IgG/IgM) Rapid Test
- Leptospira Antibody (IgG/IgM) Rapid Test
- Chikungunya Antibody (IgG/IgM) Rapid Test
- Chikungunya Antibody (IgM) Rapid Test
- Covid-19 Antigen Rapid Test
- Covid-19 Antigen RT-PCR Test
- Malaria Antigen (Pv/Pf) Rapid Test Device
- Malaria Antigen (Pf/Pan) Rapid Test Device
- Dengue virus NS1 Antigen Test
- Syphilis Antibody Test Device
- HCV Rapid Test Kit
- HIV-1/2 Antibody Rapid Test
- HBsAg Rapid Test Device
- Sickle Cell Rapid Test Device
- HIV & Syphilis Combo Rapid Test

## URINE ANALYSIS TEST STRIPS

- Urine Analysis Strip 2K (Glucose/Ketone) Test
- Urine Analysis Strip 2P (Glucose/Protein) Test
- Urine Analysis Strip 4S (Glucose/Protein/pH/ Specific gravity) Test
- Urine Analysis Strip 1G (Glucose) Test
- Urine Analysis Strip 10P (BLO, BIL, URO, KET, PRO, NIT, GLU, pH, SG & LEU) Test
- Urine Analysis Strip 11P (BLO, BIL, URO, KET, PRO, NIT, GLU, pH, SG, LEU & ASC) Test

## BIOCHEMISTRY TEST REAGENTS

- Albumin Test Reagent
- Acid Phosphatase Test Reagent
- Alkaline Phosphatase Test Reagent
- Amylase Test Reagent
- Bilirubin Test Reagent (Total/Direct)
- Bilirubin Test Reagent (Total)
- Bilirubin Test Reagent (Direct)
- Calcium Test Reagent
- Chloride Test Reagent
- Cholesterol (Total) Test Reagent
- HDL Cholesterol Test Reagent
- LDL Cholesterol Test Reagent
- Alanine Amino Transferase SGPT (ALT) Test Reagent
- Aspartate Amino Transferase Test Reagent
- Creatine Kinase (CK-NAC) Test Reagent
- Creatine Kinase (CK-MB) Test Reagent
- Creatinine Test Reagent
- Glucose Test reagent
- LDH (Lacto Dehydrogenase) Test Reagent
- Gamma Glutamyl Transferase (GGT) Test Reagent
- IRON/TIBC Test Reagent
- Cholinesterase Test Reagent
- Hemoglobin Test Reagent
- Uric Acid Test Reagent
- Total Protein Test Reagent
- Lipase Test Reagent
- Urea Test Reagent
- Triglycerides Test Reagent
- Potassium Test Reagent
- Sodium Test Reagent
- Adenosine Deaminase (ADA) Test reagent
- Antistreptolysin O (ASO) Turbilatex Test Reagent
- C-Reactive protein (CRP) Turbilatex Test Reagent
- Rheumatoid Factor (RF) Turbilatex Test Reagent
- Glycosylated Hemoglobin (HbA1c) Turbilatex Test Reagent
- Magnesium Test Reagent
- Micro Albumin Turbilatex Test Reagent
- Phosphorus Test Reagent
- Unsaturated Iron Binding Capacity (UIBC) Test Reagent
- Vitamin D Test Reagent
- Microprotein Test Reagent
- G6PD Test Reagent
- $\beta$ -Thalassemia & HbA1c Test Reagent
- HbA1c Test Reagent





## BLOOD COLLECTION TUBE

- Blood Collection K2 EDTA Tube (Vacuum/Non Vacuum)
- Blood Collection K3 EDTA Tube (Vacuum/Non Vacuum)
- Blood Collection Serum / Plain Tube (Vacuum/Non Vacuum)
- Blood Collection Clot Activator Tube (Vacuum/Non Vacuum)
- Blood Collection Sodium Citrate 3.2% Tube (Vacuum/Non Vacuum)
- Blood Collection Sodium Citrate 3.8% Tube (Vacuum/Non Vacuum)
- Blood Collection Sodium Heparin Tube (Vacuum/Non Vacuum)
- Blood Collection Lithium Heparin Tube (Vacuum/Non Vacuum)
- Blood Collection Gel Clot Activator Tube (Vacuum/ Non Vacuum)

## ANALYZER

- Hemoglobin Analyzer
- Electrolyte Analyzer
- Clinical Chemistry Analyzer
- Immunoassay Analyzer
- Pulse Oximeter
- Oxygen Concentrator
- i-CLIA Analyzer
- Hematology Analyzer-5 Part
- Hematology Analyzer-3 Part
- Coagulation Analyzer
- $\beta$ -Thalassemia & HbA1c Chromatographic Column (HPLC)
- HbA1c Chromatographic Column (HPLC)
- Semi Automatic Chemistry Analyzer
- Urine Chemistry Analyzer



**BioSci Healthcare**  
(ISO and WHO-GMP certified company)

Manufacturing Site:  
Plot no-1, Sector-D, Bagroda Industrial Area, Bagroda, Bhopal,  
Madhya Pradesh-462026, India.

Tel: + 91 9109 135111, +91 81091 79800  
Email: [sales@bioscihealthcare.com](mailto:sales@bioscihealthcare.com)  
[info@bioscihealthcare.com](mailto:info@bioscihealthcare.com)  
[marketing@bioscihealthcare.com](mailto:marketing@bioscihealthcare.com)  
Website: [www.bioscihealthcare.com](http://www.bioscihealthcare.com)

