



SWEMED
DIAGNOSTICS



PRODUCT CATALOGUE

2024

Clinical Biochemistry Reagents



Pancreatic

Amylase (CNGP2)

- Liquid stable ready to use mono reagent.
- Self-indicating CNGP2 substrate, does not require any auxiliary enzyme & hence maximize reagent stability.
- One step direct reaction, rapid test result in 120 seconds.
- Stable initial absorbance
- High linearity up to 2000 IU/L
- Convenient pack size of 10ml

Renal

Urea (GLDH)

- Enzymatic UV – Kinetic method
- 6 weeks working reagent stability
- Rapid, 90 seconds test procedure
- High linearity up to 300 mg/dL

Albumin (BCG)

- Liquid stable ready to use mono reagent
- Quick test procedure
- High linearity up to 8g/dL
- Room temperature kit storage

Urea (Berthelot)

- 45 days working stability
- Standard provided 50mg/dL to calibrate test
- Ammonia free diluent is provided with kit
- High linearity up to 300 mg/dL

Total Protein (Biuret)

- Liquid stable ready to use mono reagent
- High linearity up to 12g/dL
- Room temperature kit storage

Microprotein (Pyrogallol Red)

- Liquid stable ready to use mono reagent
- High linearity up to 200 mg/dL

Creatinine 2R (Modified Jaffe's)

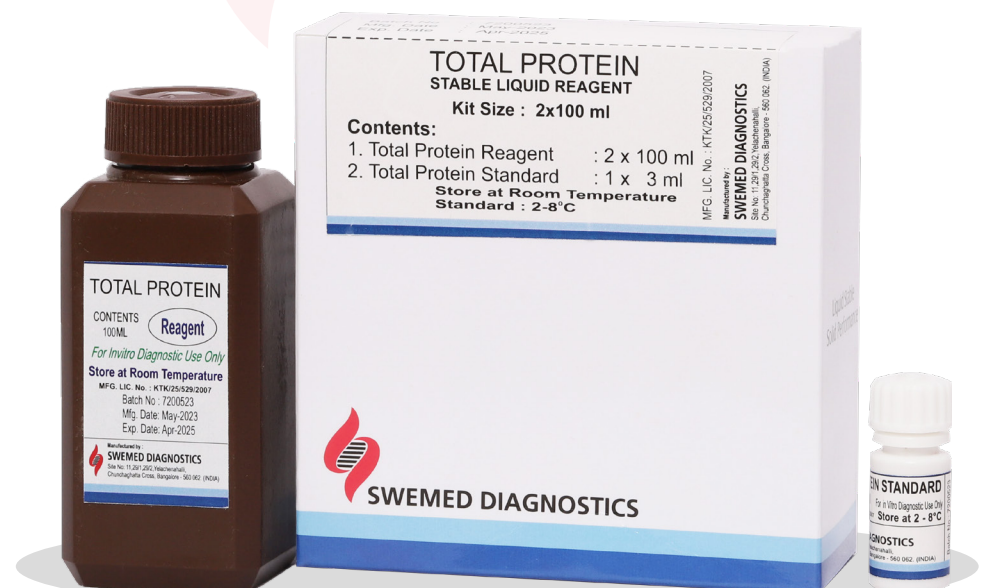
- Liquid stable ready to use two reagents
- 7 days working reagent stability
- High linearity up to 25 mg/dL
- Room Temperature kit storage

Creatinine SR (Modified Jaffe's)

- Liquid stable ready to use mono reagent
- High linearity up to 25 mg/dL

Uric Acid (Uricase)

- Liquid stable ready to use mono reagent
- Stable reagent blank
- High linearity up to 25 mg/dL



Diabetic

Glucose (GOD – POD)

- Liquid stable ready to use mono reagent
- Standard provided 100mg/dL to calibrate test
- Programming for End Point



Liver

GPT (ALT) & GOT (AST) (Modified UV-IFCC)

- Liquid stable ready to use reagents
- 4 weeks working reagent stability
- High linearity up to 300 lu/L
- High & stable reagent blank

Alkaline Phosphatase (pNPP)

- Superior IFCC recommended pNPP Kinetic method
- Higher working reagent stability up to 30 days
- Rapid 240 seconds test procedure
- High linearity up to 700 IU/L

Bilirubin Total & Direct (Jendrassik & Grof Method)

- Liquid stable ready to use reagents
- Ready to use factor is provided for result calculation

Cardiac

LDH (Optimized DGKC)

- Pyruvate to Lactate test reaction
- Liquid stable ready to use reagents
- High working reagent stability up to 30 days
- High linearity up to 1200 IU/L
- Convenient pack size of 25mL

CK-NAC /CK-MB CK-NAC

- IFCC- Kinetic method
- Stable initial absorbance
- High linearity up to 2000 IU/L

CK-MB (Immunoinhibition)

- Kinetic method
- Stable initial absorbance
- High linearity up to 2000 IU/L

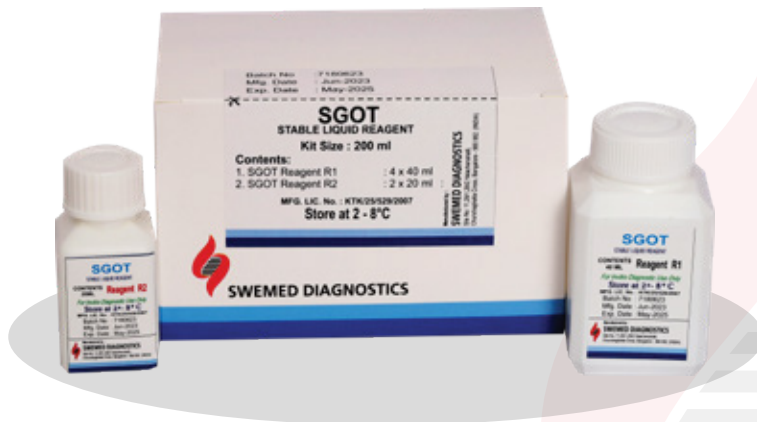
Genetic Disorder

G6PD Quantitative Test (UV Kinetic)

- Rapid Quantitative test kit
- Available in convenient mono test vial
- Extremely useful for diagnosis of heterozygous female (Borderline sample)
- Result interpretation in U/g Hb or lu/1012 RBC
- Reagent for Hb estimation is provided in the kit

G6PD Qualitative Test

- Simple to perform dye reduction test
- Available in convenient mono vial test pack
- Visual interpretation of results, no need for any instruments



Electrolytes

Sodium

- Liquid Stable ready to use reagents
- Colorimetric Method
- High Linearity UP to 200 mEq/L

Chloride (Thiocyanate)

- Liquid Stable ready to use mono reagents
- Linearity up to 140 mEq/L
- Room Temperature kit storage

Magnesium (XYLIDYL BLUE Method)

- Liquid stable ready to use mono reagents
- High linearity up to 5mg/dL
- Room temperature kit storage
- Convenient pack size

Potassium

- Liquid stable ready to use mono reagents
- Turbidimetric method
- High linearity Up to 8mEq/L

Inorganic phosphorus (UV - Molybdate)

- Liquid stable ready to use mono reagents
- High linearity up to 12mg/dL
- Room temperature kit storage
- Convenient pack size

Calcium Arsenazo III

- Liquid stable ready to use reagents
- High linearity up to 16mg/dL
- Convenient pack size



Lipid

Cholesterol (CHOD-PAP)

- Liquid stable ready to use mono reagents
- Reagent contains lipid clearing factor (LCF), avoids pretreatment steps of lipemic samples
- Stable reagent blank
- High linearity up to 700mg/dL

Triglycerides (GPO-PAP)

- Liquid stable ready to use mono reagent
- Reagent contains lipid clearing factor (LCF), Avoids pretreatment steps of lipemic Samples
- Stable reagent blank
- High linearity up to 1000mg/dL

Direct HDL Cholesterol (Accelerator Selective Detergent Method)

- Direct Enzymatic assay
- Liquid stable ready to use reagents
Calibrator traceable to CRMLN Reference Method
- No interference with Total Bilirubin, Conjugated Bilirubin, Gamma globulins, Ascorbic Acid, Lipemia, Haemoglobin & Endogenous Triglycerides
- Component lot interchangeability
- Precision, Accuracy & Performance Comply with 1988 NCEP Criteria
- High linearity up to 180mg/dL

Direct LDL Cholesterol (Selective Detergent Method)

- Direct enzymatic assay
- Liquid stable ready to use reagents
- No interference with triglycerides, Bilirubin, Ascorbic Acid, Lipemia & Haemolysis
- Component lot interchangeability
- Precision, Accuracy & Performance comply with 1998 NCEP Criteria
- High linearity up to 400mg/dL



Lipase

- Liquid stable ready to use reagents
- High linearity up to 300U/L.
- Colorimetric Method.
- A lipase test measures the level of lipase in your blood.

Ferritin

- Ferritin is a blood protein that contains iron.
- Lower detection limit is 5 µg/L.
- Particle enhanced Immunoturbidimetric Test.
- Determination of the concentration of ferritin by Photometric measurement of antigen- antibody-reaction.
- Reagent storage 2° - 8°C.

Copper

- Copper is widely distributed in the various organs of the body.
- Copper released from ceruloplasmin, in an acidic medium, reacts with Di - Br - PAESA to form a coloured complex.
- Reagents are stable at 2° - 8°C.
- Linearity upto 500µg/L.

ZINC

- For determination of Zinc in serum and urine.
- Reagents are stable in 2°-8°C.
- Linearity up to 500 µg/L.

IRON

- Ferrozine Method
- Iron found in blood is mainly present in the haemoglobin of RBC's.
- Reagents stable in 2° - 8°C.
- Linearity up to 1000 µg/L.

Cholinesterase

- New DGKC method.
- High Linearity and High Sensitivity.
- Ready to use stable reagents.
- Storage at 2°-8°C.

HbA1C

- Turbidimetric immunoassay for quantitative determination of HbA1c.
- Ready to use reagents.
- The HbA1c has been designed to measure HbA1c concentrations in the range of 4 – 15% in specimens with Hemoglobin concentration between 6 -23g/dl.

HbA1C Controls

- Lypholysized controls based on human blood materials (Erythrocytes).
- **Storage (After Reconsitution)**
 - 20°C - 3months
 - 2°-8°C – 28 days
 - 15° - 25°C – 2 days

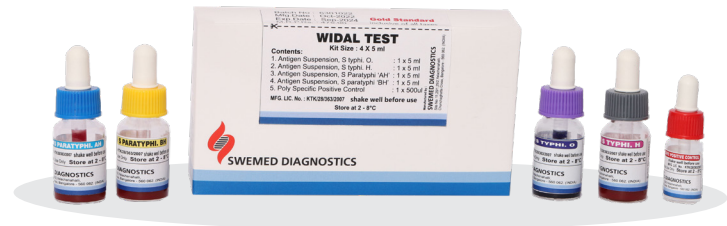
Biochemistry Controls

- Assayed quality control material for monitoring assay performance.
- Two levels: Level – 1 and Level – 2.
- Unopened bottle should be kept in 2°-8°C.

Serology

Widal Antigen

- Uncompromised Sensitivity and Accuracy with uniform clump formation High Antigen titer
- Multiple pack Size Availability
- Storage at 2°-8°C



Antistreptolysin-O (ASO Latex)

- Rapid And Simple Test Procedure
- Polystyrene Latex particles of optimized size are used Serum dilution not required
- All the components and accessories required to perform test are included in the kit

Rheumatoid Factor (RF)

- Rapid And Simple Test Procedure
- Polystyrene Latex particles of optimized size are used Serum dilution not required
- All the components and accessories required to perform test are included in the kit

C-Reactive Proteins (CRP Latex)

- Rapid And Simple Test Procedure
- Polystyrene Latex particles of optimized size are used Serum dilution not required
- All the components and accessories required to perform test are included in the kit

Rapid Plasma Reagin test (RPR)

- Stable, aqueous, ready to use reagents
- Inactivation of serum / plasma not required
- Rapid result

Brucella Abortus

- Standardized and vitally stained and smooth suspension of killed brucella abortus
- Suitable for slide as well as tube agglutination test

Brucella Melitensis

- Standardized and vitally stained and smooth suspension of killed Brucella melitensis
- Suitable for slide as well as tube agglutination test

TOXO – Toxoplasmosis

- It is considered that Toxoplasmosis is the most prevalent parasitosis in the world.
- Storage at 2°-8°C. Do not freeze. Shake the latex before use.
- Serum dilution not required.

SLE – Systemic Lupus Erythematosus

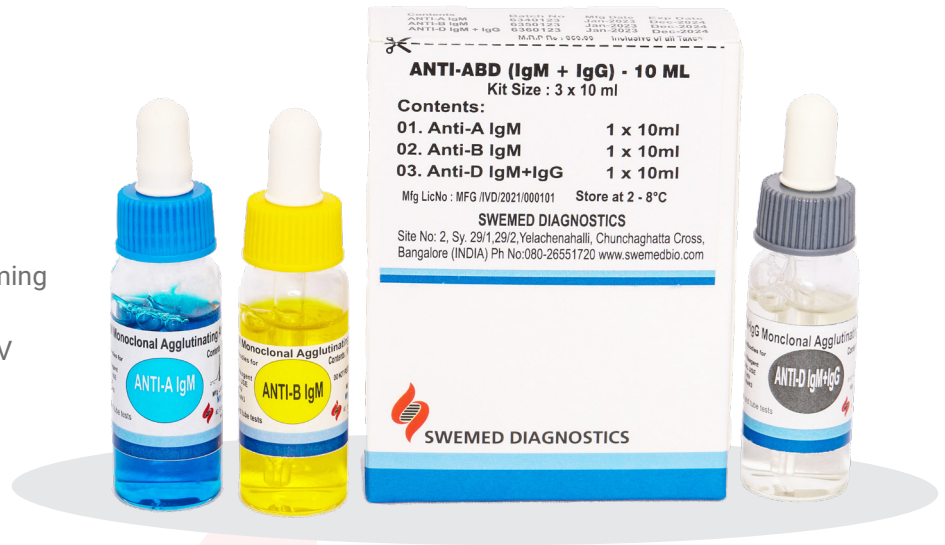
- Rapid And Simple Test Procedure
- Polystyrene Latex particles of Optimized size are used.
- Serum dilution not required.



Blood Grouping & Typing Anti Sera

Anti ABD

- High avidity with clear cut visible agglutination
- High Antibody Titer
- Colored coded reagents for ease of Identification and interpretation conforming to international Standards
- Free from HIV-1/2 antibodies, anti HCV antibodies and HBs Ag Antigen.



Anti-A1 Lectin

- Ready to use Purified extract of Dolichos biflorus Seeds
- High titer
- Storage at 2°-8°C

Anti-H Lectin

- Ready to use Purified extract of Ulex europaeus Seeds
- High titer
- Storage at 2°-8°C

AHG – Anti Human Globulin (Coombs)

- Ploy Specific AHG Reagent for Direct And In Direct Coombs Test
- High titer With 0 +ve IgG Sensitised cells and c3d sensitised cells
- Storage at 2°-8°C

BSA 22%

- A high protein solution
- obtained from the fraction V of Cohn's separation of Bovine Serum.
- Storage at 2°-8°C



- Anti - AB
- Anti - D (IgM)
- Anti - D (IgG)

Hematology Reagents

LYSE

- Lysing reagent for automated analysis.
- Storage at 15°-30°C
- Ready to use Solution.

RINSE

- Diluting solution for automated analysis.
- Storage at 15°-30°C
- Ready to use Solution.

DILUENT

- Diluted for automated assay.
- Storage at 15°-30°C.
- Ready to use Solution.



Rapid Tests

Malaria Antigen Rapid Test

- Test kit type : Rapid Test kit
- Sensitivity & specificity : Excellent
- Result time : Within 20 minutes
- Shelf life : 24 months at 4° - 30°C

Pregnancy Strips

- Easy to use
- Easy to read results.
- Results over 99% accuracy
- Each test in sealed pouch

Glucose - Urine Test Strips

- **Simple** : Easy to use (Dip stick)
- **Specific**: Highly specific to the analyte to be detected.
- **Sensitive** : Highly sensitive.
- **Storage** : RT (15° -30°C)

Pregnancy Cards

- **High Sensitivity** : The pregnancy test card is highly sensitive to hcG levels, enabling early detection of pregnancy as early as the first day of missed period.
- **User friendly Design** : Featuring clear instructions and simple steps, the test card is easy to use and interpret.

Glucose - Protein Urine Test Strips

- **Simple** : Easy to use (Dip stick)
- **Specific**: Highly specific to the analyte to be detected.
- **Sensitive** : Highly sensitive.
- **Storage** : RT (15° -30°C)

Syphilis Antigen rapid Test Strips

- Rapid visual test based on immunochromatographic technology.
- Qualitative detection of IgG & IgM antibodies from Serum/Plasma/Whole Blood.
- Stable until the expiry date mentioned on the pouch when stored at 2°-30°C.
- Results in 10 min.
- In built Control line.
- No instrument is required.

Syphilis Antigen rapid Test Card

- Rapid visual test based on immunochromatographic technology.
- Qualitative detection of IgG & IgM antibodies from Serum/Plasma/Whole Blood.
- Stable until the expiry date mentioned on the pouch when stored at 2°-30°C.
- Results in 10 min.
- In built Control line.
- No instrument is required.

Product Information

SI NO.	PRODUCT NAME	PACKS	Product code	Method	Shelf Life
CLINICAL BIOCHEMISTRY KITS					
01	Albumin	2x50 ml 2x100 ml	ALB 701	BCG Method	24 Months
02	Alkaline Phosphates	25 ml	ALP 702	PNPP Kinetic Method	24 Months
03	Amylase	10 ml	AMY 703	CNGP2 method	24 Months
04	Bilirubin (T & D)	2x50 ml 2x100 ml	Bil 704	Diazo Method	24 Months
05	Calcium	2x50 ml 2x100 ml	CAL705	Arsenazo III	24 Months
06	Chloride	2x50 ml 2x100 ml	CHL 706	Thiocyanate	24 Months
07	Cholesterol	2x50 ml 2x100 ml	CHO 707	CHOD/POD method	24 Months
08	HDL Cholesterol	10 ml 50 ml	HDLC 708	Precipitate method	24 Months
09	CK NAC	25 ml 125 ml	CKNAC 709	DGKC	24 Months
10	CK MB	25 ml 125 ml	CKMB 710	DGKC	24 Months
11	Creatinine	2x50 ml 2x100 ml	CTR 721	Jaffe's Method	24 Months
12	Glucose	2x100 ml 4x125 ml 1 ltr	GLU 712	GOD-POD method	24 Months
13	Drabkins	1 ltr	DRB 714	Cynamethaemoglobin method	24 Months
14	LDH	25 ml	LDH 715	DGKC	24 Months
15	Phosphorus	2x50 ml 125ml	PHO 716	UV -Molybdate	24 Months
16	Magnesium	2x50 ml	MAG 717	EGTA	24 Months
17	SGOT	25 ml 125 ml	OT718	Mod. IFCC method	24 Months
18	SGPT	25 ml 125 ml	PT719	Mod. IFCC method	24 Months
19	Total Protein	2x50 ml 2x100 ml	TP 720	Biuret Method	24 Months

Product Information

20	Triglycerides	50 ml	TGL 711	GPO- PAP method	24 Months
		125 ml			
21	UREA (Berthelot)	2x50 ml	UB 722	Berthelot Method	24 Months
		2X100 ml			
22	UREA – UV	25 ml	UV 723	GLDH Method	24 Months
		125 ml			
23	Uric Acid	25 ml	UA 724	Uricase method	24 Months
		2x50 ml			
24	Micro Total Protein	50 ml	MTP 725	Pyrogallol Red	24 Months
		2x50 ml			
25	Sodium	2x25 ml	SOD 728	Colorimetric Method	24 Months
26	Potassium	2x25 ml	POT 727	Tetraphenyl Boron	24 Months
27	(G6PD) Reagent kit	12 test	G6P 643	Qualitative and quantitative	24MONTHS
		25 test			
		50 test			
28	Lipase Reagent kit	25ml	LIP622	Colorimetric Method	24MONTHS
		50ml			
		100ml			
29	Ferritin Reagent Kit	20 test	FER 648	Quantitative Method	24MONTHS
		60 test			
		100 test			
30	Copper reagent kit	25ml	COP 644	Colorimetric Method	24MONTHS
		75ml			
31	Zinc reagent kit	25ml	ZIN647	Colorimetric Method	24MONTHS
		75ml			
		100ml			
32	Iron reagent kit	35ml	IRO645	Ferrozine Method	24MONTHS
		75ml			
		150ml			
33	Cholinesterase reagent kit	20ml	CHOL 649	DGKC Method	24MONTHS
		40ml			
		80ml			
		100ml			
34	HbA1C Kits	25ml	HBA 650	-	24MONTHS
35	HbA1C controls	5ml	HBAC 651	-	24MONTHS
36	Biochemistry Controls	5ml	BIOC 652	-	24MONTHS

Product Information

SEROLOGY & IMMUNOHAEMATOLOGY TEST KITS					
1	Widal	4x5 ml	W 630	Slide/Tube Agglutination Method	24 Months
		8x5ml			
2	ASO	25 tests	ASO 590	Latex Agglutination	24 Months
3	CRP	25 tests	CRP 604	Latex Agglutination	24 Months
4	RF	25 tests	RF 580	Latex Agglutination	24 Months
5	RPR	50 tests	RPR 589	Flocculation	24 Months
6	Brucella Abortus	5ml	BA 731	Agglutination	24 Months
7	Brucella Melitensis	5ml	BM 732	Agglutination	24 Months
GROUPING KITS					
1	ANTI -A (IgM)	10ml	A 634	Slide/Tube Agglutination Method	24 Months
2	ANTI -B (IgM)	10ml	B 635	Slide/Tube Agglutination Method	24 Months
3	ANTI -AB (IgM)	10ml	AB 637	Slide/Tube Agglutination Method	24 Months
4	ANTI -D (IgM)	10ml	AD 636	Slide/Tube Agglutination Method	24 Months
5	ANTI -D (IgG)	10ml	AD 636	Slide/Tube Agglutination Method	24 Months
6	ANTI - D (IgG+ IgM)	10ml	AD 636	Slide/Tube Agglutination Method	24 Months
7	ANTI - Human Globulin (Coomb's Sera)	10ml	AHG638	Slide/Tube Agglutination Method	24 Months
8	ANTI- A1 Lectin	10ml	A1 632	Slide/Tube Agglutination Method	24 Months
9	ANTI -H Lectin	10ml	AH 631	Slide/Tube Agglutination Method	24 Months
10	BSA (Bovine Serum Albumin 22%)	10ml	BSA 639	Agglutination	24 Months
CLINICAL BIOCHEMISTRY KITS					
1	LYSE	500ml	LYS 739	-	24MONTHS
2	RINSE	5 LITRES	RIN 738	-	24MONTHS
3	DILUENT	20 LITRES	DIL 737	-	24MONTHS
RAPID TEST CARDS					
1	Malaria Antigen Rapid Test	50 Test	MAL 903	Rapid Test Card	24MONTHS
		100 Test			
2	Pregnancy Cards	50 Test	PC 904	Rapid Test Card	24MONTHS
		100 Test			

Note: OEM / Vials /Bulk Packing can be customized as per requirement

Product Information

3	Pregnancy Strips	50 Test	PS 905	Rapid Test Card	24MONTHS
		100 Test			
4	Glucose - Urine Test Strips	50 Test	908	Rapid Test Card	24MONTHS
		100 Test			
5	Glucose - Protein Urine Test Strips	50 Test	909	Rapid Test Card	24MONTHS
		100 Test			
6	Syphilis Antigen rapid Test Card	50 Test	906	Rapid Test Card	24MONTHS
		100 Test			
7	Syphilis Antigen rapid Test Strips	50 Test	907	Rapid Test Card	24MONTHS
		100 Test			

Note: OEM / Vials /Bulk Packing can be customized as per requirement

Culture medias

Accumedia is a quick solution for the fermentation, biotechnology, agriculture microbiology, pharma, food, dairy, water treatment industries as well as academic and research institutions. We also offer tailor-made products as per the customer's requirement.

Accumedia is our registered Trade mark and we offer the Microbiological media for the various microbial analysis, production of different microbial products.

Accumedia is available in packaging of 500 g, 1 Kg, 5 Kg, 10 Kg and 25 Kg packaging to serve the various purposes of industry. we welcome your inquiry for ready to use culture media



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