

## IN HOUSE TEST

SN	Test Name	Method	Specimen	Analyte Description	Schedule	Report
1	% Iron Saturation		3 ml Serum		Daily; Cut Off: 4 PM	Same day
2	Absolute Neutrophil Count		3 ml whole blood in EDTA tube (Purple)		Daily; Cut Off: 4 PM	Same day
3	ACR; Albumin / Creatinine Ratio in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	Albumin creatinine ratio (ACR) in urine is a sensitive and specific measure of kidney damage.	Daily; Cut Off: 4 PM	Same day
4	AEC; Absolute Eosinophil Count	Automated Cell Counter	3 ml whole blood in EDTA tube (Purple Top)		Daily; Cut Off: 4 PM	Same day
5	AFB stain	ZN Stain and microscopy	BAL & other respiratory samples/ Body fluids/ Pus in sterile leak proof container	Z-N (AFB) stain provides a presumptive diagnosis of Mycobacterial disease.	Daily; Cut Off: 4 PM	Same day
6	AFB stool		Stool sample in sterile leak proof		Daily; Cut Off: 4 PM	Same day
7	AFB urine (3 days)		10 ml spot urine in sterile leak proof container for 3 consecutive days		Daily; Cut Off: 4 PM	3-4 days
8	AFP; Alpha FetoProtein Serum	CLIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
9	Albumin / Globulin Ratio		3 ml Serum		Daily; Cut Off: 4 PM	Same day
10	Albumin Fluid	Biochemical	2 ml CSF/ Ascitic fluid in sterile leak proof container	Albumin / Total protein estimation in fluids is used to classify whether the fluid is	Daily; Cut Off: 4 PM	Same day
11	Albumin quantitative in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume		Daily; Cut Off: 4 PM	Same day
12	Albumin Serum	Biochemical	3 ml Serum	Decreased levels are seen in chronic debilitating diseases, liver disease, malnutrition etc. Increased albumin level is only seen during dehydration.	Daily; Cut Off: 4 PM	Same day
13	Allergy Food and Inhalation Panel Serum	Immunoblot	3 ml Serum		Daily; Cut Off: 1 PM	Same day
14	Allergy Food Panel Serum	Immunoblot	3 ml Serum		Daily; Cut Off: 1 PM	Same day
15	Allergy Inhalation Panel Serum	Immunoblot	3 ml Serum		Daily; Cut Off: 1 PM	Same day
16	ALP; Alkaline Phosphatase Serum	Biochemical	3 ml Serum	Majority of ALP activity is derived from the liver and bone. Concentrations are increased in patients with biliary obstructive disorders, tumors of liver and bone etc.	Daily; Cut Off: 4 PM	Same day
17	AMH; Anti Mullerian Hormone	CMIA	3 ml Serum	Ovarian Reserve Marker	Daily; Cut Off: 4 PM	Same day
18	Amylase Serum	Biochemical	3 ml Serum		Daily; Cut Off: 4 PM	Same day
19	ANA connective tissue disorder qualitative; ENA Panel	Immunoblot	3 ml Serum	Detection of 17 Different Collagen Markers Including dsDNA	Daily; Cut Off: 1 PM	Same day
20	ANA; AntiNuclear Antibody by IFA	Immunofluorescence assay (Hep-2 Substrate)	3 ml Serum	ANA is useful in the diagnosis of patients with autoimmune diseases such as SLE, Mixed connective tissue disease, Rheumatoid arthritis, Sjogren's syndrome, Progressive systemic sclerosis and CREST syndrome.	Sun/ Tue/ Thurs; Cut Off: 1 PM	Same day
21	Anion Gap in spot urine		10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
22	Anti CCP	CIMA	3 ml Serum	Musculoskeletal disorders	Daily; Cut Off: 4 PM	Same day
23	Anti HCV Antibody Rapid	Rapid test	3 ml Serum		Daily; Cut Off: 4 PM	Same day
24	Anti TPO	CMIA	3 ml Serum	detecting autoimmune thyroid disorders	Daily; Cut Off: 4 PM	Same day
25	APTT; Activated Partial Thromboplastin Time	Clotting	3 ml whole blood in Sodium Citrate (Blue Top)	Collected sample should reach processing lab within 4 hours	Daily; Cut Off: 4 PM	Same day
26	ASO qualitative	Latex agglutination	3 ml Serum		Daily; Cut Off: 4 PM	Same day
27	ASO quantitative	Nephelometry	3 ml Serum	Antistreptolysin-O is useful in confirming exposure to Streptococcus pyogenes in the absence of other laboratory evidence.	Daily; Cut Off: 4 PM	Same day
28	Bence Jones Protein in spot urine	Immunochromatography	10 ml spot urine in sterile leak proof container	Multiple Myeloma, Lymphoproliferative Process. Test does Qualitative detection of kappa and lambda	Daily; Cut Off: 4 PM	Same day
29	Beta HCG Serum	CLIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
30	Bile salt and pigments in spot urine	Biochemical	10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
31	Bilirubin Direct	Biochemical	3 ml Serum	Disorders of Liver	Daily; Cut Off: 4 PM	Same day
32	Bilirubin Indirect (Unconjugated)	Biochemical	3 ml Serum		Daily; Cut Off: 1 PM	Same day

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33	Bilirubin Total	Biochemical	3 ml Serum		Daily; Cut Off: 4 PM	Same day
34	Bleeding Time		for walk in patient only		Daily; Cut Off: 4 PM	Same day
35	Blood group and Rh typing	Column agglutination technology	3 ml whole blood in EDTA tube (Purple Top)		Daily; Cut Off: 4 PM	Same day
36	Blood Sickling Test		3 ml whole blood in EDTA tube (Purple		Daily; Cut Off: 4 PM	Same day
37	Brucella Total Antibody Serum	Tube Agglutination	3 ml Serum	diagnosis of Brucellosis	Daily; Cut Off: 4 PM	Same day
38	BUN; Blood Urea Nitrogen Serum	Biochemical	3 ml Serum	Urea nitrogen is a renal function test that is often interpreted with creatinine. It is useful when measured before and after dialysis treatments.	Daily; Cut Off: 4 PM	Same day
39	C3; Complement-3 Serum	Nephelometry	3 ml Serum	SLE, Endocarditis & DIC	Daily; Cut Off: 4 PM	Same day
40	C4; Complement-4 Serum	Nephelometry	3 ml Serum	SLE, Immune Complex Disease & Hereditary Angioedema .	Daily; Cut Off: 4 PM	Same day
41	CA 125; Ovarian Cancer marker	CMIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
42	CA 15.3; Breast Cancer marker	CMIA	3 ml Serum	Breast Cancer Marker	Daily; Cut Off: 4 PM	Same day
43	CA 19.9 dilution		3 ml Serum		Daily; Cut Off: 4 PM	Same day
44	CA 19.9; Pancreatic Cancer marker	CMIA	3 ml Serum	Pancreatic Cancer Marker	Daily; Cut Off: 4 PM	Same day
45	Calcium / Creatinine Ratio in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	used to express rate of calcium excretion	Daily; Cut Off: 4 PM	Same day
46	Calcium / Creatinine Ratio in 24 hours urine	Spectrophotometry	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume	Bone & Mineral Metabolism	Daily; Cut Off: 4 PM	Same day
47	Calcium in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours of urine volume. Use 10 ml of 6M HCL	in the presence of elevated calcium, the body attempts to excrete the excess calcium leading to hypercalciuria. Idiopathic hypercalciuria can occur in the absence of hypercalcaemia	Daily; Cut Off: 4 PM	Same day
48	Calcium in spot urine		10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
49	Calcium Ionized Serum	Ion Selective Electrode	3 ml Serum	provides a more physiologically accurate assessment of calcium especially in the presence of high protein concentrations, hyperparathyroidism and hypoparathyroidism.	Daily; Cut Off: 4 PM	Same day
50	Calcium Total Serum	Biochemical	3 ml Serum	Calcium imbalance may cause a spectrum of diseases. High concentrations are seen in Hyperparathyroidism, malignancy and Sarcoidosis. Low levels may be due to protein deficiency, renal insufficiency and hypoparathyroidism.	Daily; Cut Off: 4 PM	Same day
51	Carbamazepine Serum (Discontinued)	CLIA	3 ml Serum	Therapeutic Drug Monitoring	Daily; Cut Off: 4 PM	Same day
52	CBC and PBS		3 ml whole blood in EDTA tube (Purple Top) and direct smear		Daily; Cut Off: 4 PM	Same day
53	CBC; Complete Blood Count	Automated Cell Counter	3 ml whole blood in EDTA tube (Purple Top)		Daily; Cut Off: 4 PM	Same day
54	CEA Serum	CMIA	3 ml Serum	increased levels of CEA are found in patients with primary Colorectal carcinoma and other malignancies like Medullary thyroid carcinoma and Carcinoma of breast, GI tract, liver, lung, ovarian, pancreatic	Daily; Cut Off: 4 PM	Same day
55	Ceruloplasmin Serum	Immunoturbidimetry	3 ml Serum	decreased in Wilson's disease	Daily; Cut Off: 4 PM	Same day
56	Chloride in CSF		2 ml CSF in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
57	Chloride in spot urine	Ion Selective Electrode	10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
58	Chloride Serum	Ion Selective Electrode	3 ml Serum	Electrolyte Imbalance	Daily; Cut Off: 4 PM	Same day
59	Chyle Examination	Microscopy	10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
60	CK MB Serum	ELFA method conformation	3 ml Serum	Cardiac disorders	Daily; Cut Off: 4 PM	Same day
61	Clotting Time		for walk in patient only		Daily; Cut Off: 4 PM	Same day

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62	Cortisol Morning/ Evening sample Serum	CLIA	3 ml Serum	Mention Time of Collection and Medication History	Daily; Cut Off: 6 PM	Same day
63	C-peptide Fasting/ Random/ PP Serum	CLIA	3 ml Serum. Fasting required.		Daily; Cut Off: 4 PM	Same day
64	cANCA and pANCA by Immunoblot	Immunoblot	3 ml Serum	evaluating patients suspected of having Autoimmune vasculitis, both Wegener's granulomatosis and Microscopic Polyangiitis	Daily; Cut Off: 1 PM	Same day
65	cANCA, pANCA and Anti GBM by Immunoblot	Immunoblot	3 ml Serum		Daily; Cut Off: 1 PM	Same day
66	Cholesterol Total Serum	Biochemical	3 ml Serum	correlated with increasing risk of cardiovascular disease	Daily; Cut Off: 4 PM	Same day
67	CPK Total	Biochemical	3 ml Serum	CPK is an enzyme found primarily in skeletal and cardiac muscle. Drugs, infections and other diseases may cause injury or inflammation of muscle releasing CPK into the circulation.	Daily; Cut Off: 4 PM	Same day
68	Creatinine Clearance Test in 24 hours urine	Biochemical	3 ml Serum and 10 ml aliquot of 24 hours urine in sterile leak proof container. No preservative required.	reflects the glomerular filtration rate (GFR), the ability of kidneys to filter waste products	Daily; Cut Off: 4 PM	Same day
69	Creatinine Excretion Test in 24 hours urine	Biochemical	3 ml Serum and 10 ml aliquot of 24 hours urine in sterile leak proof container. No preservative required.	monitors progression of renal disease.	Daily; Cut Off: 4 PM	Same day
70	Creatinine in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	Urinary creatinine is useful as part of the creatinine clearance.	Daily; Cut Off: 4 PM	Same day
71	Creatinine Serum	Biochemical	3 ml Serum	Creatinine is the product of creatine metabolism. It is a measure of renal function and elevated levels are observed in patients typically with 50% or greater impairment of renal function.	Daily; Cut Off: 4 PM	Same day
72	CRP qualitative		3 ml Serum		Daily; Cut Off: 4 PM	Same day
73	CRP; C-Reactive Protein Quantitative	Nephelometry	3 ml Serum	useful in detecting systemic inflammatory process and	Daily; Cut Off: 4 PM	Same day
74	CSF for AFB		2 ml CSF in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
75	CSF TLC		2 ml CSF in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
76	Culture and Sensitivity, Aerobic Blood Culture	BACTEC FX / VITEK 2	8-10 ml of blood in Bactec Plus aerobic bottle from Samyak Diagnostic	Septicaemia, Meningitis, Ascitis etc	Daily; Cut Off: 4 PM	6th day
77	Culture and Sensitivity, Aerobic CSF Culture	Culture / VITEK 2	2 ml CSF in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
78	Culture and Sensitivity, Aerobic Ear Swab Culture	Culture / VITEK 2	Ear swab in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
79	Culture and Sensitivity, Aerobic Eye Swab Culture	Culture / VITEK 2	Eye swab in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
80	Culture and Sensitivity, Aerobic Nasal Swab Culture	Culture / VITEK 2	Nasal swab in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
81	Culture and Sensitivity, Aerobic Pus Culture	Culture / VITEK 2	Pus in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
82	Culture and Sensitivity, Aerobic Semen Culture	Culture / VITEK 2	Semen specimen in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
83	Culture and Sensitivity, Aerobic Sputum Culture	Culture / VITEK 2	Sputum in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
84	Culture and Sensitivity, Aerobic Stool Culture	Culture / VITEK 2	Stool sample in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
85	Culture and Sensitivity, Aerobic Throat Swab Culture	Culture / VITEK 2	Throat swab in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
86	Culture and Sensitivity, Aerobic Tissue Culture	Culture / VITEK 2	Tissue sample sterile leak proof container containing Normal Saline		Daily; Cut Off: 4 PM	3rd day
87	Culture and Sensitivity, Aerobic Urine Culture	Culture / MIC	Morning mid stream urine sample in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day
88	Culture and Sensitivity, Aerobic Vaginal Swab Culture	Culture / VITEK 2	Vaginal swab in sterile leak proof container	Clinical history required.(Outstations samples are not accepted)	Daily; Cut Off: 4 PM	3rd day

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89	Cyclosporin	CLIA	3 ml whole blood in EDTA tube (Purple Top)	Mandatory to provide trough or peak level. Therapeutic Drug Monitoring	Daily; Cut Off: 4 PM	Same day
90	Cytology Examination of Body Fluids	Microscopy	Body Fluids in sterile leak proof container	Complete History With Relevant Investigation Details	Daily; Cut Off: 4 PM	5th day
91	D-Dimer	colorimetric	3 ml whole blood in Sodium Citrate (Blue Top)	levels are increased in DIC / Intravascular coagulation, recent bleeding, hematoma, trauma, surgical operation and thromboembolism.	Daily; Cut Off: 4 PM	Same day
92	Dengue Profile IgG, IgM and NS1	Immunochromatography	3 ml Serum	Qualitative detection of Dengue Virus NS1 antigen as an aid to the diagnosis of Acute Dengue infection	Daily; Cut Off: 4 PM	Same day
93	DLC Fluid	Manual count	2 ml body fluid in sterile container	Infections	Daily; Cut Off: 4 PM	Same day
94	DLC Sputum		Sputum sample in sterile leak proof container. First morning sputum sample is preferred.		Daily; Cut Off: 4 PM	Same day
95	Drugs of Abuse panel-6 in spot urine	Immunochromatography	10 ml spot urine in sterile leak proof container	*Opiates (Morphine) *Benzodiazepine *Cannabinoids *Cocaine *Amphetamine *Barbiturate	Daily; Cut Off: 4 PM	Same day
96	dsDNA Antibody by IFA	Immunofluorescence	3 ml Serum	End Point Dilution For Positive Cases. Provide clinical history.	Sun/ Tue/ Thurs; Cut Off: 1 PM	Same day
97	Dysmorphic RBC in spot urine		10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
98	E2; Estradiol	CMIA	3 ml Serum	useful for evaluating hypogonadism and	Daily; Cut Off: 4 PM	Same day
99	eGFR; Estimated Glomerular Filtration Rate	Jaffe's reaction, MDRD GFR Equation; Calculation	3 ml Serum	best measure of overall kidney function in health and disease	Daily; Cut Off: 4 PM	Same day
100	Eosinophil BAL/ Sputum		BAL/ Sputum in sterile leak proof		Daily; Cut Off: 4 PM	Same day
101	Eosinophil count in spot urine		10 ml spot urine in sterile leak proof container. First morning urine is		Daily; Cut Off: 4 PM	Same day
102	ESR; Erythrocyte Sedimentation Rate	Automated Westergren	3 ml whole blood in EDTA tube (Purple Top)	indicates presence and intensity of an inflammatory process	Daily; Cut Off: 4 PM	Same day
103	FDP; Fibrinogen Degradation Product	Chronometric Method	3 ml whole blood in Sodium Citrate (Blue Top)	Disorders of Coagulation	Daily; Cut Off: 4 PM	Same day
104	Ferritin	CMIA	3 ml Serum	useful in distinguishing between Iron deficiency anemia (low level) and anemia of chronic disease (normal or high level)	Daily; Cut Off: 4 PM	Same day
105	<b>Fibrinogen (Discontinued)</b>	Coagulation	3 ml whole blood in Sodium Citrate (Blue Top)	Disorders of Coagulation	Daily; Cut Off: 4 PM	Same day
106	Folate (Folic Acid)	CLIA	3 ml Serum	useful in detecting folate deficiency and to monitor folate	Daily; Cut Off: 4 PM	Same day
107	Fractional Excretion of Sodium (FENa)		3 ml Serum and 10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
108	Fructose, Semen analysis	Biochemical	Semen sample in a sterile leak proof container. <b>Sample must reach processing lab within 30 minutes</b>	A positive fructose is considered normal. Azospermia and fructose negative results may indicate an absence or obstruction of seminal vesicles / vas deferens.	Daily; Cut Off: 4 PM	Same day
109	FSH; Follicle Stimulating Hormone	CMIA	3 ml Serum	useful as an adjunct in the evaluation of menstrual irregularities	Daily; Cut Off: 4 PM	Same day
110	FT3	CMIA	3 ml Serum	Disorders of Thyroid gland	Daily; Cut Off: 4 PM	Same day
111	FT4	CMIA	3 ml Serum	Disorders of Thyroid gland Gamma Glutamyl	Daily; Cut Off: 4 PM	Same day
112	Gamma GT	Biochemical	3 ml Serum	Transpeptidase (GGTP) is a sensitive indicator of biliary tract disease	Daily; Cut Off: 4 PM	Same day
113	GCT; Glucose Challenge Test, 50 gm Glucose 1 hour	Biochemical	3 ml Plasma in Fluoride (Grey Top) tube drawn 1 hour after oral administration of 50 gm glucose	diagnose Gestational Diabetes	Daily; Cut Off: 4 PM	Same day
114	Globulin Serum		3 ml Serum		Daily; Cut Off: 4 PM	Same day

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115	Glucose Body Fluid	Biochemical	2 ml body fluid in sterile container	Used For Evaluating Effusions.	Daily; Cut Off: 4 PM	Same day
116	Glucose Fasting	Biochemical	3 ml whole blood in Fluoride (Grey Top)		Daily; Cut Off: 4 PM	Same day
117	Glucose in spot urine		10 ml spot urine in sterile leak proof container. First morning urine is		Daily; Cut Off: 4 PM	Same day
118	Glucose Random	Biochemical	3 ml whole blood in Fluoride (Grey Top)		Daily; Cut Off: 4 PM	Same day
119	Glucose PP	Biochemical	3 ml whole blood in Fluoride (Grey Top)		Daily; Cut Off: 4 PM	Same day
120	Gram Stain Body Fluid	Microscopy of Gram stained smears	2 ml body fluid in sterile container		Daily; Cut Off: 4 PM	Same day
121	Gram Stain Sputum	Microscopy of Gram stained smears	Sputum		Daily; Cut Off: 4 PM	Same day
122	Growth Hormone		3 ml Serum		Daily; Cut Off: 1 PM	Next Day
123	GTT: Glucose Tolerance Test, 75g Glucose 0, 1, 2 hours	Biochemical	0 hr, 1 hr, 2 hr- 3 ml whole blood in Fluoride (Grey Top)	3 Samples	Daily; Cut Off: 4 PM	Same day
124	H pylori Antibody Serum		3 ml Serum		Daily; Cut Off: 4 PM	Same day
125	HAV IgM Rapid		3 ml Serum		Daily; Cut Off: 1 PM	Same day
126	Hb Electrophoresis by HPLC	HPLC	3 ml whole blood in EDTA tube (Purple Top)	useful in the diagnosis of Beta Thalassemia	Tue; Cut Off: 1 PM	Next Day
127	Hb; Hemoglobin		3 ml whole blood in EDTA tube (Purple Top)	diagnose type and degree of anemia	Daily; Cut Off: 4 PM	Same day
128	HbA1c	HPLC	3 ml whole blood in EDTA tube (Purple Top)	reflects the mean glucose concentration over the previous period of 8 to 12 weeks and is a better indicator of long term glycemic control	Daily; Cut Off: 4 PM	Same day
129	HBeAg Rapid		3 ml Serum		Daily; Cut Off: 4 PM	Same day
130	HBsAg Rapid	Rapid test	3 ml Serum		Daily; Cut Off: 4 PM	Same day
131	HDL Cholesterol Direct	Biochemical	3 ml Serum	HDL cholesterol is referred to as the "Good Cholesterol". Assess the risk of Coronary artery disease (CAD) and diagnosis of various lipoproteinemia.	Daily; Cut Off: 4 PM	Same day
132	Helicobacter Pylori Antigen in stool	Immunochromatography	Stool sample in sterile leak proof container	Disorders of Gastroenterological Tract	Daily; Cut Off: 4 PM	Same day
133	HEV IgM Rapid		3 ml Serum		Daily; Cut Off: 4 PM	Same day
134	Histopathology, Large Biopsy	Tissue grossing, processing and microscopic interpretation	Tissue In 10% formalin in leak proof container	Provide clinical history & operation findings.	Daily; Cut Off: 4 PM	12th day
135	Histopathology, Medium Biopsy	Tissue grossing, processing and microscopic interpretation	Tissue In 10% formalin in leak proof container	Provide clinical history & operation findings.	Daily; Cut Off: 4 PM	12th day
136	Histopathology, Skin Biopsy (Discontinued)	Tissue grossing, processing and microscopic interpretation	Tissue In 10% formalin in leak proof container	Provide clinical history & operation findings.	Daily; Cut Off: 4 PM	12th day
137	Histopathology, Small Biopsy	Tissue grossing, processing and microscopic interpretation	Tissue In 10% formalin in leak proof container	Provide clinical history & operation findings.	Daily; Cut Off: 4 PM	12th day
138	HIV Rapid	Tridot	3 ml Serum	HIV virus causes Acquired Immunodeficiency Syndrome (AIDS). Immunochromatography is a screening test for HIV infection with a sensitivity of 99%	Daily; Cut Off: 4 PM	Same day
139	HOMA IR; Insulin Resistance Index		3 ml Serum and 3 ml whole blood in Fluoride (Grey Top) tube. Fasting is required		Daily; Cut Off: 4 PM	Same day
140	Homocysteine	CMIA	3 ml Serum	Cardiovascular Disease.	Daily; Cut Off: 4 PM	Same day
141	hsCRP	Nephelometry	3 ml Serum	Cardiac disorders	Daily; Cut Off: 4 PM	Same day

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142	IgA; Immunoglobulin A Serum	Nephelometry	3 ml Serum	useful for detection and monitoring of Monoclonal gammopathies and Primary or Secondary Immune deficiencies.	Daily; Cut Off: 4 PM	Same day
143	IgE; Immunoglobulin E Serum	CLIA	3 ml Serum	useful to establish the diagnosis of an allergic disease	Daily; Cut Off: 4 PM	Same day
144	IgG; Immunoglobulin G Serum	Nephelometry	3 ml Serum	useful for detection and monitoring of Monoclonal gammopathies and Primary or Secondary Immune deficiencies.	Daily; Cut Off: 4 PM	Same day
145	IgM; Immunoglobulin M Serum	Nephelometry	3 ml Serum	useful for detection and monitoring of Monoclonal gammopathies and Primary or Secondary Immune deficiencies.	Daily; Cut Off: 4 PM	Same day
146	IL-6; Interleukin 6	Immunofluorescence assay (IFA)	3 ml whole blood in EDTA tube (Purple Top)		Daily; Cut Off: 4 PM	Same day
147	Insulin Fasting/ Random/ PP	CMIA	3 ml Serum	useful in the management of Diabetes.	Daily; Cut Off: 4 PM	Same day
148	iPTH; Intact Parathyroid Hormone	CMIA	3 ml Serum	Labile Analyte, Separate At The Earliest. EDTA plasma sample mandatory from outstation locations	Daily; Cut Off: 4 PM	Same day
149	Iron Profile	Biochemical	3 ml Serum	Iron,TIBC,% saturation,Ferritin	Daily; Cut Off: 4 PM	Same day
150	Iron Serum	Biochemical	3 ml Serum	Anemia, Nutritional disorders	Daily; Cut Off: 4 PM	Same day
151	KFT; Kidney Function Test	Refer, Individual Test	3 ml Serum	*Creatinine, *Urea, *Sodium, *Potassium	Daily; Cut Off: 4 PM	Same day
152	KOH Preparation	Microscopy	Skin/Nail scrapings/Hair (including root) /CSF/Body fluid/Sputum/Bronchial washings, Oral/Genital/wound swabs in sterile normal saline.		Daily; Cut Off: 4 PM	Same day
153	LDH CSF		2 ml CSF in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
154	LDH Fluid		Body Fluids in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
155	LDH; Lactate Dehydrogenase Serum	Biochemical	3 ml Serum	An Enzyme Found In Most Organs And Cells.Reference Range Not Established	Daily; Cut Off: 4 PM	Same day
156	LDL Direct	Biochemical	3 ml Serum	used for cardiovascular risk assessment in patients with hypertriglyceridemia, type III hyperlipoproteinemia or dysbetalipoproteinemia.	Daily; Cut Off: 4 PM	Same day
157	Leishmania Antibody / Kala Azar / K39	Immunochromatography	3 ml Serum	Leishmania donovani causes Kala Azar.	Daily; Cut Off: 4 PM	Same day
158	Leptospira IgG Antibody Rapid	Rapid Test	3 ml Serum	Hepatorenal failure (Weil syndrome)	Daily; Cut Off: 4 PM	Same day
159	Leptospira IgM Antibody Rapid	Rapid Test	3 ml Serum	Hepatorenal failure (Weil syndrome)	Daily; Cut Off: 4 PM	Same day
160	LFT; Liver Function Test	Refer, Individual Test	3 ml Serum	*AST, *ALT, *Alkaline Phosphatase, *Total Bilirubin, *Total Protein, *Albumin	Daily; Cut Off: 4 PM	Same day

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161	LH; Luteinizing Hormone	CMIA	3 ml Serum	used for evaluating patients with suspected Hypogonadism, predicting ovulation, evaluating Infertility and diagnosing Pituitary disorders.	Daily; Cut Off: 4 PM	Same day
162	Lipase in spot urine		10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
163	Lipase Serum	Biochemical	3 ml Serum	Pancreatic injury increases serum lipase levels	Daily; Cut Off: 4 PM	Same day
164	Lipid Profile	Biochemical	3 ml Serum	*Total Cholesterol, *HDL, *Triglyceride, *LDL	Daily; Cut Off: 4 PM	Same day
165	Lithium Serum	Ion Selective Electrode	3 ml Serum	Manic Depressive Disorders . Monitor Therapy And Avoid Toxicity. Time of drug dose needed.	Daily; Cut Off: 4 PM	Same day
166	Magnesium in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume	Magnesium is a cofactor of many enzyme systems. Decreased renal function as in dehydration, Diabetic acidosis & Addison's disease, reduces the urinary excretion of magnesium. Chronic glomerulonephritis, Aldosteronism & Drugs like Cyclosporine enhance excretion.	Daily; Cut Off: 4 PM	Same day
167	Magnesium in spot urine		10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
168	Magnesium Serum	Biochemical	3 ml Serum	Critical Element With Highest Concentration In Soft Tissues And Bones. Used For Checking Deficiency	Daily; Cut Off: 4 PM	Same day
169	Malaria Antigen Rapid	Immunochromatography	3 ml whole blood in EDTA tube (Purple Top)		Daily; Cut Off: 4 PM	Same day
170	Malaria Parasite Detection by smear examination	Microscopy	3 ml whole blood in EDTA tube (Purple Top) and direct smear		Daily; Cut Off: 4 PM	Same day
171	Mantoux Test	Intradermal skin test	for walk in patient only	Tuberculin Skin Test	Please enquire	Patient to report to the Lab on 72 hours of the test.
172	Microalbumin / Creatinine Ratio in spot urine	Immuno Turbidimetry/Biochemical	10 ml spot urine in sterile leak proof container	Disorders of Kidney	Daily; Cut Off: 4 PM	Same day
173	Microalbumin in 24 hours urine		10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume		Daily; Cut Off: 4 PM	Same day
174	Microalbumin in spot urine	Immuno Turbidimetry	10 ml spot urine in sterile leak proof container	Disorders of Kidney	Daily; Cut Off: 4 PM	Same day
175	Microfilaria microscopy		3 ml whole blood in EDTA tube (Purple Top)		Daily; Cut Off: 4 PM	Same day
176	Nasal smear for eosinophil		Air dried nasal smear in a slide mailer		Daily; Cut Off: 4 PM	Same day
177	Non HDL Cholesterol		3 ml Serum		Daily; Cut Off: 4 PM	Same day
178	NT Pro BNP	Nephelometry	3 ml Serum	used as an aid in the diagnosis of suspected cases of Chronic Heart Failure (CHF)	Daily; Cut Off: 4 PM	Same day
179	Occult Blood in stool	Biochemical	20 gms stool in sterile leak proof container	For colorectal cancer screening	Daily; Cut Off: 4 PM	Same day
180	Osmolality Serum	Freezing Point Depression	3 ml Serum	Used In Investigation Of Hyponatraemia And Identification Of An Osmolar Gap.	Daily; Cut Off: 4 PM	Same day
181	Osmolarity in spot urine	Biochemical	10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day

## IN HOUSE TEST

SN	Test Name	Method	Specimen	Analyte Description	Schedule	Report
182	Pap smear Conventional	Staining and microscopy	smear onto 2 glass slides and fix immediately in absolute alcohol for 30 mins and air dry.		Daily; Cut Off: 4 PM	4th day
183	Pap smear LBC; Liquid Based Cytology	Processing and microscopy	Specimen in BD SurePath container	Screening has substantially reduced the mortality rate due to Cervical cancer.	Daily; Cut Off: 4 PM	4th day
184	PBS; Peripheral Blood Smear	Microscopy	3 ml whole blood in EDTA tube (Purple Top) and direct smear		Daily; Cut Off: 4 PM	Same day
185	PCR; Protein / Creatinine Ratio in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	quantitate & monitor proteinuria in adults with Chronic kidney disease.	Daily; Cut Off: 4 PM	Same day
186	PCT; Procalcitonin	Nephelometry	3 ml Serum	diagnosis of bacteremia & septicemia	Daily; Cut Off: 4 PM	Same day
187	Phenytoin (Discontinued)	CLIA	3 ml Serum	Therapeutic Drug Monitoring	Daily; Cut Off: 4 PM	Same day
188	Phosphorus in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours of urine volume. Use 10 ml of 6M HCL		Daily; Cut Off: 4 PM	Same day
189	Phosphorus in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	Urinary phosphorus concentration is useful to assess calcium and phosphorus balance.	Daily; Cut Off: 4 PM	Same day
190	Phosphorus Serum	Biochemical	3 ml Serum	Disorders of Bone, Disorders of Kidney	Daily; Cut Off: 4 PM	Same day
191	Platelet Count	Automated Cell Counter And Microscopy	3 ml whole blood in EDTA tube (Purple Top)	Infections, Leukemia	Daily; Cut Off: 4 PM	Same day
192	Potassium in 24 hours urine	ISE	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume	Electrolyte Imbalance	Daily; Cut Off: 4 PM	Same day
193	Potassium in spot urine	ISE	10 ml spot urine in sterile leak proof container	Electrolyte Imbalance	Daily; Cut Off: 4 PM	Same day
194	Potassium Serum	Ion Selective Electrode	3 ml Serum	Electrolyte Imbalance	Daily; Cut Off: 4 PM	Same day
195	Pregnancy Test in spot urine	Immunochromatography	10 ml spot urine in sterile leak proof container	detects pregnancy as early as 1 day after the first missed menstruation.	Daily; Cut Off: 4 PM	Same day
196	Prolactin (PEG)		3 ml Serum		Daily; Cut Off: 4 PM	Same day
197	Progesterone Serum	CMIA	3 ml Serum	useful for ascertaining whether ovulation occurred in a menstrual cycle. It helps to evaluate placental function in pregnancy and maybe used in the workup of patients with Adrenal / Testicular tumors	Daily; Cut Off: 4 PM	Same day
198	Prolactin pooled sample					
199	Prolactin serial dilution		3 ml Serum		Daily; Cut Off: 4 PM	Same day
200	Prolactin Serum	CMIA	3 ml Serum	evaluation of Pituitary tumors, Amenorrhea, Galactorrhea, Infertility & Hypogonadism	Daily; Cut Off: 4 PM	Same day
201	Protein / Creatinine Ratio in 24 hours urine		10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume	Chronic kidney disease	Daily; Cut Off: 4 PM	Same day
202	Protein Fluid		Body Fluids in sterile leak proof		Daily; Cut Off: 4 PM	Same day
203	Protein in CSF		2 ml CSF in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
204	Protein in spot urine	Spectrophotometry	10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
205	Protein Total in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume	Levels are increased in diseases that impair renal function like Diabetes, Hypertension, Nephrotic syndrome and Drug nephrotoxicity	Daily; Cut Off: 4 PM	Same day
206	PSA Total; Prostate Specific Antigen Total	CMIA	3 ml Serum	Prostate cancer screening.	Daily; Cut Off: 4 PM	Same day
207	PT; Prothrombin Time Studies	Clotting	3 ml whole blood in Sodium Citrate (Blue Top)	Disorders of Coagulation	Daily; Cut Off: 4 PM	Same day
208	Reducing Substances in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	Diabetes	Daily; Cut Off: 4 PM	Same day
209	Reducing Substances Stool	Biochemical	20 gms stool in sterile leak proof container	Disorders of Gastrointestinal system	Daily; Cut Off: 4 PM	Same day

## IN HOUSE TEST

SN	Test Name	Method	Specimen	Analyte Description	Schedule	Report
210	Reticulocyte count	Automated Cell Counter	3 ml EDTA Whole Blood	useful in assessing erythropoietic bone marrow activity in anemia and other hematological conditions. It is elevated with active erythropoiesis like regeneration and decreased in hypoplastic conditions or Vitamin B12 deficiency.	Daily; 2pm	Same day
211	Rheumatoid Arthritis Factor (RA Factor),	Latex Agglutination	2 ml of Serum	Rheumatoid arthritis	Daily; 8am to 3.30pm	Same day
212	Rheumatoid Arthritis Factor (RA Factor),	Nephelometry	2 ml of Serum	Rheumatoid arthritis	Daily; 8am to 3.30pm	Same day
213	SAAG; Serum Ascites Albumin Gradient	BCG	3 ml serum and 3 ml ascitic fluid in a sterile leak proof container		Daily; Cut Off: 4 PM	Same day
214	Salmonella Typhi Dot IgG/ IgM Antibody	Immunochromatography	3 ml Serum	The conventional widal test detects antibodies to S.typhi from 2nd week of onset of symptoms. The early rising antibodies which are predominantly IgM can be detected by the Typhi Dot test. This test serves as a marker for acute infection.	Daily; Cut Off: 4 PM	Same day
215	Scrub Typhus IgG Antibody Rapid	Immunochromatography	3 ml Serum		Daily; Cut Off: 4 PM	Same day
216	Scrub Typhus IgM Antibody Rapid	Immunochromatography	3 ml Serum		Daily; Cut Off: 4 PM	Same day
217	Second opinion slides for cytology		Cytopathological slides previously reported upon		Daily; Cut Off: 4 PM	10-12 days
218	Second opinion slides for histopathology		Paraffin blocks (Formalin fixed paraffin embedded)/ Stained unstained slides. Please attach original Histopathology report and all relevant clinical and radiological detail		Daily; Cut Off: 4 PM	10-12 days
219	SGOT / AST	Biochemical	3 ml Serum	Disorders of Liver	Daily; Cut Off: 4 PM	Same day
220	SGPT / ALT	Biochemical	3 ml Serum	Disorders of Liver	Daily; Cut Off: 4 PM	Same day
221	Sodium in 24 hours urine	ISE	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume	Electrolyte Imbalance	Daily; Cut Off: 4 PM	Same day
222	Sodium in urine spot	ISE	10 ml spot urine in sterile leak proof container		Daily; Cut Off: 4 PM	Same day
223	Sodium Serum	Ion Selective Electrode	3 ml Serum	Electrolyte Imbalance	Daily; Cut Off: 4 PM	Same day
224	SPEP; Serum Protein Electrophoresis (Outsourced)	Electrophoresis	3 ml Serum	Multiple Myeloma, Macroglobulinemia	Daily; Cut Off: 4 PM	5th day
225	Stool for Hanging Drop		Stool sample in sterile leak proof		Daily; Cut Off: 4 PM	Same day
226	Stool Routine Examination (AI based fully automated fecal analyzer)	Biochemical	20 gms stool in sterile leak proof container	used to detect parasitic infections and the physical characteristics of stool aid in the diagnosis of gastrointestinal infections.	Daily; Cut Off: 4 PM	Same day
227	TB IgG/IgM Rapid	Immunochromatography	3 ml Serum		Daily; Cut Off: 4 PM	Same day
228	Testosterone Total	CMIA	3 ml Serum	Disorders of Endocrine System	Daily; Cut Off: 4 PM	Same day
229	TFT Free profile	CMIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
230	Tg; Triglycerides Serum	Biochemical	3 ml Serum	10-12 hours overnight fasting is required.	Daily; Cut Off: 4 PM	Same day
231	TIBC; Total Iron Binding Capacity	Biochemical	3 ml Serum		Daily; Cut Off: 4 PM	Same day
232	TLC Fluid		3 ml body fluid in sterile leak proof container	Infections	Daily; Cut Off: 4 PM	Same day
233	Total Cholesterol / HDL Cholesterol Ratio		3 ml Serum		Daily; Cut Off: 4 PM	Same day
234	Total Protein Serum	Biochemical	3 ml Serum	useful in evaluating patients for nutritional status, liver disease, protein losing renal and gastrointestinal diseases. High levels are seen in patients with Monoclonal gammopathies, Autoimmune hepatitis and inflammation.	Daily; Cut Off: 4 PM	Same day

## IN HOUSE TEST

SN	Test Name	Method	Specimen	Analyte Description	Schedule	Report
235	TPHA (Syphilis)	Immunochromatography	3 ml Serum	Treponema pallidum causes Syphilis which presents in clinical stages termed as Primary, Secondary and Tertiary Syphilis	Daily; Cut Off: 4 PM	Same day
236	Transferrin	Immunoturbidimetry	3 ml Serum	Anemia	Daily; Cut Off: 4 PM	Same day
237	Transferrin Saturation		3 ml Serum		Daily; Cut Off: 4 PM	Same day
238	Troponin I Serum	Immunochromatography	3 ml Serum	cardiac marker elevated only in patients suffering from acute Myocardial Infarction	Daily; Cut Off: 4 PM	Same day
239	TSH 3rd Gen Serum	CMIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
240	TSH PEG		3 ml Serum		Daily; Cut Off: 4 PM	Same day
241	UBT; Urea Breath Test		for walk in patient only	Detection of H. Pylori	Daily; Cut Off: 4 PM	Same day
242	Urea in 24 hours urine		10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume		Daily; Cut Off: 4 PM	Same day
243	Urea Nitrogen in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume		Daily; Cut Off: 4 PM	Same day
244	Urea Serum	Biochemical	3 ml Serum	Elevated levels are seen in pre-renal azotemia, renal disease, post-renal disease and reduced glomerular perfusion due to shock, dehydration, diarrhea etc. Decreased levels are seen in malnutrition, overhydration, liver disease etc.	Daily; Cut Off: 4 PM	Same day
245	Uric Acid in 24 hours urine	Biochemical	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours urine volume		Daily; Cut Off: 4 PM	Same day
246	Uric Acid in spot urine	Biochemical	10 ml spot urine in sterile leak proof container	assessment and management of patients with kidney stones, particularly uric acid stones	Daily; Cut Off: 4 PM	Same day
247	Uric Acid Serum	Biochemical	3 ml Serum	High levels are seen with Gout, inherited metabolic disorders of purine metabolism, excessive purine dietary intake and increased cell turnover	Daily; Cut Off: 4 PM	Same day
248	Urine Cytology (3 days sample)		10 ml spot urine in sterile leak proof container for 3 consecutive days		Daily; Cut Off: 4 PM	3-4 days
249	Urine Routine Examination	Biochemical / Microscopy	10 ml spot urine in sterile leak proof container	It identifies a wide range of medical conditions including renal damage, urinary tract infections, diabetes, hypertension and drug toxicity.	Daily; Cut Off: 4 PM	Same day
250	Valproic Acid; Valproate Serum (Discontinued)	CLIA	3 ml Serum	Therapeutic Drug Monitoring	Daily; Cut Off: 4 PM	Same day
251	Vancomycin Serum (Discontinued)	CLIA	3 ml Serum	Mandatory to provide trough or peak level. Therapeutic Drug Monitoring	Daily; Cut Off: 4 PM	Same day
252	VDRL Serum	Flocculation	3 ml Serum	Infections-Syphilis	Daily; Cut Off: 4 PM	Same day
253	Vitamin B12	CMIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
254	Vitamin D'25-Hydroxy	CMIA	3 ml Serum		Daily; Cut Off: 4 PM	Same day
255	VMA in 24 hours urine (Discontinued)	HPLC	10 ml aliquot of 24 hours urine in sterile leak proof container. Mention 24 hours of urine volume. Use 6N HCL as preservative	Do not consume bananas, pineapple, chocolates, coffee, icecream, high diet in, avoid strenuous exercise at least 72 hrs prior to sample collection	Daily; Cut Off: 4 PM	Same day
256	VMA in spot urine (Discontinued)	HPLC	10 ml spot urine in sterile leak proof container. Mention 24 hours of urine volume. Use 6N HCL as preservative	Do not consume bananas, pineapple, chocolates, coffee, icecream, high diet in, avoid strenuous exercise at least 72 hrs prior to sample collection	Daily; Cut Off: 4 PM	Same day
257	Widal Test	Agglutination (Slide method)	3 ml Serum	used to diagnose Typhoid and Paratyphoid fevers	Daily; Cut Off: 4 PM	Same day
258	ACTH		3 ml whole blood in EDTA tube (Purple)		Daily; Cut Off: 4 PM	Same day

## IN HOUSE TEST

SN	Test Name	Method	Specimen	Analyte Description	Schedule	Report
259	ADA; Adenosine Deaminase	Biochemical	3 ml Serum/Ascitic fluid/ CSF/ Pericardial Fluid/ Peritoneal	Used for Diagnosing Tuberculosis	Daily; Cut Off: 4 PM	Same day
260	ANA; AntiNuclear Antibody by EIA	EIA	3 ml Serum		Mon/ Fri; Cut Off: 1 PM	Same day
261	Anti GBM antibody titre	EIA	3 ml Serum		Mon/ Fri; Cut Off: 1 PM	Same day
262	Anti HBs by CLIA	CLIA	3 ml Serum	This assay is useful for identifying previous exposure to HBV and determining adequate immunity from Hepatitis B vaccination.	Daily; Cut Off: 4 PM	Same day
263	CMV; Cytomegalovirus IgG Antibody	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
264	CMV; Cytomegalovirus IgM Antibody	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
265	DHEAs; Dehydroepiandrosterone Sulphate Serum	CLIA	3 ml Serum	Disorders of Adrenal Gland	Daily; Cut Off: 4 PM	Same day
266	dsDNA Antibody by EIA	EIA	3 ml Serum		Mon/ Fri; Cut Off: 1 PM	Same day
267	G6PD; Glucose 6 Phosphate Dehydrogenase quantitative	Kinetic	3 ml whole blood in EDTA tube (Purple Top)	useful for evaluation of individuals with Coomb's negative non-spherocytic	Daily; Cut Off: 4 PM	Next Day
268	HAV total by EIA		3 ml Serum		Daily; Cut Off: 1 PM	Same day
269	HBeAg by EIA		3 ml Serum		Daily; Cut Off: 1 PM	Same day
270	HBsAg by EIA/ CLIA		3 ml Serum		Daily; Cut Off: 1 PM	Same day
271	HBV DNA viral load	PCR	3 ml whole blood in EDTA tube (Purple		Daily; Cut Off: 1 PM	Same day
272	HCV antibody CLIA		3 ml Serum		Daily; Cut Off: 1 PM	Same day
273	HCV RNA viral load	PCR	3 ml whole blood in EDTA tube (Purple		Daily; Cut Off: 1 PM	Same day
274	HIV 1 & 2 duo by EIA	EIA	3 ml Serum		Daily; Cut Off: 1 PM	Next Day
275	HIV 1 RNA viral load	PCR	3 ml whole blood in EDTA tube (Purple		Daily; Cut Off: 1 PM	Same day
276	HIV 1&2 by EIA	EIA	3 ml Serum		Daily; Cut Off: 1 PM	Same day
277	HLA B27 PCR	PCR	3 ml whole blood in EDTA tube (Purple		Daily; Cut Off: 1 PM	Same day
278	HSV; Herpes Simplex Virus 1 IgG Serum	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
279	HSV; Herpes Simplex Virus 1 IgM Serum	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
280	HSV; Herpes Simplex Virus 2 IgG Serum	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
281	HSV; Herpes Simplex Virus 2 IgM Serum	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
282	Kidney Stone analysis by FTIR	FTIR	Collect stone in dry plain container	Mention stone type and history	Daily; Cut Off: 1 PM	Next Day
283	Lead Blood	ICPMS	3 ml whole blood in EDTA tube (Purple		Daily; Cut Off: 4 PM	Same day
284	Maternal screen-1st Trimester Dual marker test	CLIA	3 ml Serum	PARPA & FREE BCG. Recommended for 8 to 13.5 weeks with completely filled maternal TRF with barcode and USG report done within 3 days before testing. History is	Sun/ Wed; Cut Off: 1 PM	Same day
285	MPO-pANCA by EIA	EIA	3 ml Serum		Mon/ Fri; Cut Off: 2 PM	Same day
286	PR3-cANCA & MPO-pANCA by EIA	EIA	3 ml Serum		Mon/ Fri; Cut Off: 2 PM	Same day
287	PR3-cANCA by EIA	EIA	3 ml Serum		Mon/ Fri; Cut Off: 2 PM	Same day
288	Rubella (German measles) virus IgG antibody	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
289	Rubella (German measles) virus IgM antibody	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
290	Tacrolimus	CLIA	3 ml whole blood in EDTA tube (Purple Top)	Mandatory to provide trough.(To be collected 15 min. before the next dose). Therapeutic Drug Monitoring	Daily; Cut Off: 4 PM	Same day
291	TB Gold, IGRA; Interferon Gamma Release Assay	EIA	3 ml whole blood in Lithium/ Sodium Heparin (Green Top) tube. Sample must reach the processing lab within 8 hours after being drawn		Daily; Cut Off: 4 PM	Next Day
292	TB PCR	PCR	Body Fluid/ BAL/ CSF/ Urine/ Sputum in sterile leak proof container		Daily; Cut Off: 1 PM	Same day
293	TORCH IgG & IgM panel	CLIA	3 ml Serum	IgG/IgM Antibodies To Toxoplasma, Rubella, CMV, HSV-	Mon/ Thurs; Cut Off: 1 PM	Same day
294	TORCH IgG panel	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day

**IN HOUSE TEST**

SN	Test Name	Method	Specimen	Analyte Description	Schedule	Report
295	TORCH IgM panel	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
296	Toxoplasma IgG Antibody	CLIA	3 ml Serum	Abortions, Infections	Mon/ Thurs; Cut Off: 1 PM	Same day
297	Toxoplasma IgM Antibody	CLIA	3 ml Serum		Mon/ Thurs; Cut Off: 1 PM	Same day
298	Tissue Transglutaminase IgA (TTG IgA)	EIA	3 ml Serum		Sun/ Tue/ Thurs; Cut Off: 1 PM	Next Day
299	Apolipoproteins A1, Serum	Nephelometry	2 ml of Serum	12-14 Hours Fasting Required. Associated With HDL	Sun to Fri: 8AM	5-7 days
300	Apolipoproteins B, Serum	Immunoturbidimetry	2 ml of Serum	12-14 Hours Fasting Required. Risk of atherosclerotic vascular changes. Associated With LDL	Sun to Fri: 8AM	5-7 days
301	Beta 2 Glycoprotein 1 IgG Antibody, Serum	Fluoroenzymeimmunoassay	2 ml of Serum	Used to detect Antiphospholipid syndrome, an auto immune disorder .This syndrome is associated with widespread blood clots , a low platelet count and pregnancy complications such as preeclampsia and recurrent miscarriages.	Sun to Fri: 8AM	5-7 days
302	Beta 2 Glycoprotein 1 IgM Antibody, Serum	Fluoroenzymeimmunoassay	2 ml of Serum	Used to detect Antiphospholipid syndrome, an auto immune disorder .This syndrome is associated with widespread blood clots , a low platelet count and pregnancy complications such as preeclampsia and recurrent miscarriages.	Sun to Fri: 8AM	5-7 days
303	Cardiolipin Antibody ACL-IgG antibody	Fluoroenzymeimmunoassay	3 ml of Serum	Cardiolipin antibodies are associated with health conditions like antiphospholipid syndrome,systemic lupus erythematosus.	Sun to Fri: 8AM	5-7 days
304	Cardiolipin Antibody ACL-IgM antibody	Fluoroenzymeimmunoassay	3 ml of Serum	Cardiolipin antibodies are associated with health conditions like antiphospholipid syndrome,systemic lupus erythematosus.	Sun to Fri: 8AM	5-7 days
305	Cryptococcus Antigen detection, CSF	Latex agglutination	2 ml of CSF in Sterile leak proof tube or container	To diagnose the presence of Cryptococcus neoformans or Cryptococcus gattii infection	Sun to Fri: 8AM	5-7 days
306	Cryptococcus Antigen detection, Serum	Latex agglutination	2 ml of Serum	End Point Dilution For Positive Cases.	Sun to Fri: 8AM	5-7 days
307	Echinococcus (Hydatid Cyst) IgG Antibody	EIA	2 ml of Serum	Cystic Hydatid Disease. (Echinococcus Granuloses)	Sun to Fri: 8AM	5-7 days
308	Fecal Calprotectin, Stool	CLIA	100 gms of stool in sterile container	History of medicines, morning sample preferred. Diagnosis of Inflammatory bowel diseases,specifically Crohns disease and ulcerative colitis and diferentiation of IBD from irritable bowels syndrome.	Sun to Fri: 8AM	5-7 days
309	Lead Blood	ICPMS	3 ml EDTA Whole Blood/ 3 ml Serum in trace element tube available from Samyak.	Useful In Detecting Industrial,Dietary And Accidental Exposure To Lead & Monitoring Detoxification Therapy.	Sun to Fri: 8AM	5-7 days
310	Lp(a) Lipoprotein(a)	Immunoturbidimetry	2 ml of Serum	12-14 Hrs Fasting Required. aid in CVD risk stratification	Sun to Fri: 8AM	5-7 days
311	Measles (Rubeola) virus IgG antibody	CLIA	2 ml of Serum	To detect prior exposure to the measles virus through infection or immunization	Sun to Fri: 8AM	5-7 days
312	Mumps virus IgG antibody	CLIA	2 ml of Serum	If Antibody Type Is Not Specified, IgM Is Selected By Default.	Sun to Fri: 8AM	5-7 days
313	Rubella (German measles) virus IgG antibody	CMIA	2 ml of Serum	If Antibody Type Is Not Specified, IgM Is Selected By Default.	Sun to Fri: 8AM	5-7 days
314	VZV-Varicella Zoster Virus IgG antibody	ELFA	2 ml of Serum	If Antibody Type Is Not Specified, IgM Is Selected By Default.Chickenpox, Shingles	Sun to Fri: 8AM	5-7 days