



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

DEPARTMENT OF LABORATORY MEDICINE - DR L H HIRANANDANI HOSPITAL,
FIRST FLOOR, HILLSIDE AVENUE, HIRANANDANI GARDENS, POWAI, MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO 15189:2022

Certificate Number

MC-2145

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Validity

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CLINICAL BIOCHEMISTRY	Ascitic fluid	LDH	Pyruvate to lactate
2	CLINICAL BIOCHEMISTRY	Ascitic fluid	Mononuclear Cell (MN) & Polymorphonuclear Cell (PMN)	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
3	CLINICAL BIOCHEMISTRY	Ascitic fluid	Protein	Biuret (alkaline cupric tartrate)
4	CLINICAL BIOCHEMISTRY	Cerebrospinal Fluid (CSF)	Chloride	Direct ISE
5	CLINICAL BIOCHEMISTRY	Cerebrospinal Fluid (CSF)	Glucose	Glucose oxidase, colorimetric
6	CLINICAL BIOCHEMISTRY	Cerebrospinal Fluid (CSF)	Protein	Azo dye
7	CLINICAL BIOCHEMISTRY	EDTA Blood	Glycosylated Hemoglobin (HbA1c)	High Performance Liquid Chromatography (HPLC)
8	CLINICAL BIOCHEMISTRY	Pleural fluid	Glucose	Glucose oxidase, colorimetric
9	CLINICAL BIOCHEMISTRY	Pleural fluid	LDH	Pyruvate to lactate
10	CLINICAL BIOCHEMISTRY	Pleural fluid	Protein	Biuret (alkaline cupric tartrate)
11	CLINICAL BIOCHEMISTRY	Serum	Total Iron Binding Capacity (direct-TIBC)	Two step colorimetric; Spectrophotometry
12	CLINICAL BIOCHEMISTRY	Serum	Vitamin D	Chemiluminescence
13	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Alanine Transaminase (ALT/ SGPT)	Kinetic with Pyridoxal Phosphate (Lactate Dehydrogenase)
14	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Albumin	BCG Binding Method
15	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Alkaline Phosphatase	p-Nitrophenyl Phosphate/AMP buffer
16	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Amylase	Chromogenic (amylpectin)
17	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	AspartateTransaminase (AST / SGOT)	Kinetic (leucodye)
18	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Calcium	Arsenazo III dye
19	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Carcino-embryonic Antigen (CEA)	Enzyme Linked Fluorescence Assay (ELFA)
20	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Chloride	Direct Ion Selective Electrode
21	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Conjugated Bilirubin (Bc)	Cationic mordant
22	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Creatine Kinase (CK)	Glycerol kinase peroxidase
23	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Creatinine	Enzymatic (creatinine amidohydrolase)
24	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Direct High Density Lipoprotein (dHDL)	PTA-MgCl ₂
25	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Direct LDL(dLDL)	Enzymatic(Two Step CHE/CHO/POD)



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26	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Estradiol (E2)	Enzyme Linked Fluorescence Assay (ELFA)
27	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Folic Acid/Folate	Immunometric Immunoassay
28	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Gamma Glutamyl Transferase (GGT)	Glycylglycine Kinetic method(Szasz method)
29	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	High Sensitive C-Reactive protein (hsCRP)	Immunoturbidimetric Assay
30	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Insulin	Immunometric Immunoassay
31	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Iron (Fe)	Ferrene / Pyridyl Azo-dye
32	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Lactate Dehydrogenase (LDHi)	Pyruvate to Lactate
33	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Lipase	Leucodye, Enzymatic with Co-lipase
34	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Magnesium (Mg)	Formazan dye
35	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Phosphorus	Phosphomolybdate reduction (PMA phenol)
36	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Potassium	Direct Ion Selective Electrode
37	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Sodium	Direct Ion Selective Electrode
38	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Total Bilirubin (T. Bil)	Azobilirubin / dyphylline
39	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Total Cholesterol	Enzymatic (cholesterol esterase/oxidase/peroxidase)
40	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Total Protein	Biuret (alkaline cupric tartrate)
41	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Triglyceride	Enzymatic with Peroxidase
42	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma	Unconjugated Bilirubin (Bu)	Cationic mordant
43	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Urea Nitrogen (BUN)	Urease with indicator dye
44	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma	Uric Acid	Uricase / Peroxidase (Colorimetric)
45	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Anti-TPO (Thyroid PeroxidaseAutoantibodies)	Enzyme Linked Fluorescence Assay (ELFA)
46	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	CA-125	Immunometric Immunoassay
47	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	iPTH (intact Para Thyroid Hormone)	Immunometric Immunoassay
48	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Anti-Thyroglobulin (Anti TG)	Chemiluminescent Micro-particle Immunoassay (CMIA)
49	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Anti-Thyroglobulin (Anti TG)	Enzyme Linked Fluorescence Assay (ELFA)



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50	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Anti-TPO (Thyroid Peroxidase Autoantibodies)	Chemiluminescent Micro-particle Immunoassay (CMIA)
51	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	CA-125	Chemiluminescent Micro-particle Immunoassay (CMIA)
52	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	CA-19.9	Enzyme Linked Fluorescence Assay (ELFA)
53	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Cyclic Citrullinated Peptide antibodies (Anti-CCP)	Chemiluminescent Micro-particle Immunoassay (CMIA)
54	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Follicle Stimulating Hormone (FSH)	Immunometric Immunoassay
55	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Free Thyroxine (FT4)	Competitive Immunoassay
56	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Free Triiodothyronine (FT3)	Competitive Immunoassay
57	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	High Sensitive Troponin I (Hs-Trop I)	Chemiluminescent Micro-particle Immunoassay (CMIA)
58	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Homocysteine	Two Point Rate (CBS/CBL/LDH)
59	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Homocysteine	Chemiluminescent Micro-particle Immunoassay (CMIA)
60	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Human Chorionic Gonadotropin - beta subunit (β-HCG)	Immunometric Immunoassay
61	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Insulin	Chemiluminescent Micro-particle Immunoassay (CMIA)
62	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	iPTH (intact Para Thyroid Hormone)	Chemiluminescent Micro-particle Immunoassay (CMIA)
63	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Luteinizing Hormone (LH)	Immunometric Immunoassay
64	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Prolactin	Immunometric Immunoassay
65	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Prostate Specific Antigen (PSA)	Immunometric Immunoassay
66	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Thyroid Stimulating Hormone (TSH)	Immunometric Immunoassay
67	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Total Thyroxine (TT4)	ECLIA (Enhanced Chemiluminescence Immunoassay)
68	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Total Triiodothyronine (TT3)	ECLIA (Enhanced Chemiluminescence Immunoassay)



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69	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Vitamin B12	ECLIA (Enhanced Chemiluminescence Immunoassay)
70	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / EDTA Plasma	Vitamin D	Chemiluminescent Micro-particle Immunoassay (CMIA)
71	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma / EDTA plasma / Fluoride Plasma	Glucose	Glucose oxidase, colorimetric
72	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / Heparin Whole Blood	Chloride	Direct Ion Selective Electrode
73	CLINICAL BIOCHEMISTRY	Serum / Heparin plasma / Heparin Whole Blood	Ionic Calcium	Direct Ion Selective Electrode
74	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / Heparin Whole Blood	Potassium	Direct Ion Selective Electrode
75	CLINICAL BIOCHEMISTRY	Serum / Heparin Plasma / Heparin Whole Blood	Sodium	Direct Ion Selective Electrode
76	CLINICAL BIOCHEMISTRY	Serum / Lithium Heparin Plasma	High Sensitive Troponin I (Hs-Trop I)	Chemiluminescence
77	CLINICAL BIOCHEMISTRY	Urine	Microalbumin	Turbidometric Immunoassay
78	CLINICAL PATHOLOGY	Ascitic fluid	Glucose	Glucose oxidase, colorimetric
79	CLINICAL PATHOLOGY	Ascitic fluid	RBC Count	Hydro-Dynamic Focusing (DC Detection)
80	CLINICAL PATHOLOGY	Ascitic fluid	Routine Examination (Volume, Color, Appearance, Clot, Blood)	Physical examination: Visual observation
81	CLINICAL PATHOLOGY	Ascitic fluid	WBC Count	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
82	CLINICAL PATHOLOGY	Cerebrospinal Fluid (CSF)	Mononuclear Cell (MN) & Polymorphnuclear Cell (PMN)	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
83	CLINICAL PATHOLOGY	Cerebrospinal Fluid (CSF)	RBC Count	Hydro-Dynamic Focusing (DC Detection)
84	CLINICAL PATHOLOGY	Cerebrospinal Fluid (CSF)	Routine Examination: Volume; Color; Appearance; Clot; Blood	Physical examination
85	CLINICAL PATHOLOGY	Cerebrospinal Fluid (CSF)	WBC Count	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
86	CLINICAL PATHOLOGY	Pleural fluid	Routine Examination (Volume; Color; Appearance; Clot; Blood)	Physical examination
87	CLINICAL PATHOLOGY	Pleural fluid	Mononuclear Cell (MN) & Polymorphnuclear Cell (PMN)	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
88	CLINICAL PATHOLOGY	Pleural fluid	RBC Count	Hydro-Dynamic Focusing (DC Detection)



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89	CLINICAL PATHOLOGY	Pleural fluid	WBC Count	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
90	CLINICAL PATHOLOGY	Semen	Fructose	Seliwanoff's method
91	CLINICAL PATHOLOGY	Semen	Liquefaction Time	Visual Observation
92	CLINICAL PATHOLOGY	Semen	Microscopic Examination morphological examination using pap's stain for Total normal spermatozoa, Head, Neck & Tail abnormality.	pap's stain
93	CLINICAL PATHOLOGY	Semen	Microscopic Examination: Sperm Motility, Pus Cells, RBC, Epithelial Cells	Microscopy: Wet mount
94	CLINICAL PATHOLOGY	Semen	pH	pH Strip
95	CLINICAL PATHOLOGY	Semen	Sperm Vitality	Eosin Nigrosin Stain
96	CLINICAL PATHOLOGY	Semen	Total Sperm Count	Neubauer's Chamber
97	CLINICAL PATHOLOGY	Semen	Volume; Appearance; Viscosity	Physical examination
98	CLINICAL PATHOLOGY	Stool	pH; Occult blood	Chemical Examination : Reaction (pH), Occult blood testing by H ₂ O ₂ (Guaiac method)
99	CLINICAL PATHOLOGY	Stool	Microscopic Examination (Pus Cells, RBC, Epithelial Cell, Undigested Material, Fat, Cyst/PreCyst of parasites, Larvae, Ova, Trophozoites)	Microscopic Examination by Wet Mount (Saline and Iodine, Salt Floatation method)
100	CLINICAL PATHOLOGY	Stool	Reducing Substance	Benedict's test
101	CLINICAL PATHOLOGY	Stool	Routine Examination : Colour, Form & Consistency, Mucus, Blood, Parasites	Physical Examination
102	CLINICAL PATHOLOGY	Urine	Bile Pigments	Fouchet's Reagent
103	CLINICAL PATHOLOGY	Urine	Bile Salts	Sulphur Powder
104	CLINICAL PATHOLOGY	Urine	Bilirubin	Azo dye: Bilirubin
105	CLINICAL PATHOLOGY	Urine	Bilirubin	Diazotized Dichloroaniline
106	CLINICAL PATHOLOGY	Urine	Blood	Pseudoperoxidase activity
107	CLINICAL PATHOLOGY	Urine	Cast	Flowcytometric Analysis
108	CLINICAL PATHOLOGY	Urine	Color Hue	Transmission Chemical analysis: (Photo-optic reflectance method / Manual Biochemical tests)
109	CLINICAL PATHOLOGY	Urine	Crystals	Flowcytometric Analysis
110	CLINICAL PATHOLOGY	Urine	Epithelial Cell	Flowcytometric Analysis



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111	CLINICAL PATHOLOGY	Urine	Glucose	Benedict reagent test
112	CLINICAL PATHOLOGY	Urine	Glucose	Glucose oxidase - peroxidase - chromogen reaction
113	CLINICAL PATHOLOGY	Urine	Ketones	Nitroprusside
114	CLINICAL PATHOLOGY	Urine	Ketones	Rothera's Test
115	CLINICAL PATHOLOGY	Urine	Microscopic Examination (Pus Cells; RBC; Epithelial Cells; Casts; Crystals; Amorphous Deposit)	Microscopy: Wet mount
116	CLINICAL PATHOLOGY	Urine	Nitrites	Azo dye: Nitrites
117	CLINICAL PATHOLOGY	Urine	Occult Blood	Peroxidase activity
118	CLINICAL PATHOLOGY	Urine	Pathological Cast	Flowcytometric Analysis
119	CLINICAL PATHOLOGY	Urine	pH	Double Indicator
120	CLINICAL PATHOLOGY	Urine	Proteins	Protein-error reaction of pH indicator
121	CLINICAL PATHOLOGY	Urine	Proteins	Sulphosalicylic acid method
122	CLINICAL PATHOLOGY	Urine	Red Blood Cell	Flowcytometric Analysis
123	CLINICAL PATHOLOGY	Urine	Specific Gravity	Transmission Refractometry using refractive index as per JSCP nomogram standards
124	CLINICAL PATHOLOGY	Urine	turbidity	Physical Examination
125	CLINICAL PATHOLOGY	Urine	Urinary Pregnancy Test (UPT)	Immunochromatographic
126	CLINICAL PATHOLOGY	Urine	Urobilinogen	Azo dye:Urobilinogen
127	CLINICAL PATHOLOGY	Urine	Urobilinogen	Modified Ehrlich's Test
128	CLINICAL PATHOLOGY	Urine	Volume; Colour; Appearance	Physical examination:
129	CLINICAL PATHOLOGY	Urine	White Blood Cell	Flowcytometric Analysis
130	HAEMATOLOGY	Citrate Plasma	Activated Partial Thromboplastin Time (APTT)	Electromagnetic Clot Detection
131	HAEMATOLOGY	Citrate Plasma	D-Dimer	Enzyme Linked Fluorescence Assay (ELFA)
132	HAEMATOLOGY	Citrate Plasma	Fibrinogen	Electromagnetic Clot Detection
133	HAEMATOLOGY	Citrate Plasma	Prothrombin time (PT)	Electromagnetic Clot Detection
134	HAEMATOLOGY	Citrate Plasma	Thrombin Time (TT)	Electromagnetic Clot Detection
135	HAEMATOLOGY	Citrate Plasma	Activated Partial Thromboplastin Time (APTT)	Electromagnetic Clot Detection
136	HAEMATOLOGY	EDTA Whole Blood	Basophil - Absolute count	Fluorescence flow cytometry



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137	HAEMATOLOGY	EDTA Whole Blood	Basophil - Relative count	Fluorescence flow cytometry
138	HAEMATOLOGY	EDTA Whole Blood	Differential Leucocyte Count- (Absolute)	Fluorescence flow cytometry
139	HAEMATOLOGY	EDTA Whole Blood	Differential Leucocyte Count- (Relative)	Fluorescence flow cytometry
140	HAEMATOLOGY	EDTA Whole Blood	Eosinophil - Absolute count	Fluorescence flow cytometry
141	HAEMATOLOGY	EDTA Whole Blood	Eosinophil - Relative count	Fluorescence flow cytometry
142	HAEMATOLOGY	EDTA Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Modified Westergren's Method
143	HAEMATOLOGY	EDTA Whole Blood	G6PD, Qualitative	Dye Decolorisation
144	HAEMATOLOGY	EDTA Whole Blood	Haematocrit (HCT)	Cumulative RBC pulse height Detection method
145	HAEMATOLOGY	EDTA Whole Blood	Haemoglobin (Hb)	SLS-Methemoglobin (SLS-Hb) Method(Non Cyanide)
146	HAEMATOLOGY	EDTA Whole Blood	Lymphocyte - Absolute Count	Fluorescence flow cytometry
147	HAEMATOLOGY	EDTA Whole Blood	Lymphocyte - Relative Count	Fluorescence flow cytometry
148	HAEMATOLOGY	EDTA Whole Blood	Malarial Parasite (MP) with Parasitic Index (PI) (Plasmodium vivax & Plasmodium falciparum)	Giemsa Stain - Thin and Thick Smear with Microscopy
149	HAEMATOLOGY	EDTA Whole Blood	Mean Corpuscular Haemoglobin (MCH)	Derived from Hemoglobin and Red Blood Cell
150	HAEMATOLOGY	EDTA Whole Blood	Mean Corpuscular Haemoglobin Concentration (MCHC)	Derived from haemoglobin and HCT
151	HAEMATOLOGY	EDTA Whole Blood	Mean Corpuscular Volume (MCV)	Derived from HCT and RBC
152	HAEMATOLOGY	EDTA Whole Blood	Mean Platelet Volume (MPV)	Derived from Platelet Count and plateletcrit
153	HAEMATOLOGY	EDTA Whole Blood	Monocyte - Absolute count	Fluorescence flow cytometry
154	HAEMATOLOGY	EDTA Whole Blood	Monocyte - Relative count	Fluorescence flow cytometry
155	HAEMATOLOGY	EDTA Whole Blood	Neutrophil - Relative count	Fluorescence flow cytometry
156	HAEMATOLOGY	EDTA Whole Blood	Neutrophil -Absolute count	Fluorescence flow cytometry
157	HAEMATOLOGY	EDTA Whole Blood	Peripheral Smear	Leishman's Stain with Microscopy
158	HAEMATOLOGY	EDTA Whole Blood	Platelet Count	Hydro-Dynamic Focusing Impedence method (DC Detection)
159	HAEMATOLOGY	EDTA Whole Blood	Rapid Malaria Antigen	Chromatography (pLDH and HRP2 antigens)



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160	HAEMATOLOGY	EDTA Whole Blood	Red Blood Cell Count (RBC)	Hydro-Dynamic Focusing Impedance method (DC Detection)
161	HAEMATOLOGY	EDTA Whole Blood	Red Distribution Width (RDW)-CV	Derived from Red Blood Cell Histogram
162	HAEMATOLOGY	EDTA Whole Blood	Reticulocyte Count	Side Fluorescent Light (SFL) and Forward Scattered Light (FSC)
163	HAEMATOLOGY	EDTA Whole Blood	Total Leukocyte Count (WBC)	Hydro-Dynamic Focusing Impedance method (DC Detection)+Fluorescence flow cytometry
164	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Blood	Automated Blood Culture	Automated Advanced Colorimetric Detection Identification and conventional methods (Biochemical tests) & Antimicrobial Susceptibility Test by automated MIC methodology and by disc diffusion (Kirby Bauer)
165	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Hand Impression / Nasal swab	MRSA Screening	Conventional Aerobic Culture & Identification by Advanced colorimetric method and conventional methods (Biochemical tests) & Antimicrobial Susceptibility Test by automated MIC methodology and by disc diffusion (Kirby Bauer)
166	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Nail Scraping / Skin / Hair / Pus / Sputum / swabs / Urine / Pleural fluid, Ascitic fluid, Peritoneal/ abdominal fluid, Synovial/ joint fluid, cyst fluid, CSF/Oral secretions, nasal secretions, Endotracheal/ tracheal secretions, Bronchoalveolar lavage, drain fluids/ Tissue	Fungal Smear Examination	Wet mount in KOH: 10 % KOH - Skin/ Pus / Sputum / swabs / Urine / Pleural fluid, Ascitic fluid, Peritoneal/ abdominal fluid, Synovial/ joint fluid, cyst fluid, CSF/Oral secretions, nasal secretions, Endotracheal/ tracheal secretions, Bronchoalveolar lavage, drain fluids/ Tissue 20 % KOH- Nail/Hair
167	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pleural fluid, ascitic fluid, peritoneal/ abdominal fluid, synovial/ joint fluid, cyst fluid, CSF	Aerobic Culture & Antimicrobial Susceptibility Test	Conventional Aerobic Culture & Identification by Advanced colorimetric method and conventional methods (Biochemical tests) & Antimicrobial Susceptibility Test by automated MIC methodology and by disc diffusion (Kirby Bauer)
168	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pleural fluid, ascitic fluid, peritoneal/ abdominal fluid, synovial/ joint fluid, cyst fluid, CSF	Automated Fluid Culture	Automated Advanced Colorimetric Detection Identification by colorimetric method and conventional methods (Biochemical tests) & Antimicrobial Susceptibility Test by automated MIC methodology and by disc diffusion (Kirby Bauer)



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169	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pus / Pus swab / Swab / Sputum / Urine / Stool / Semen / - Pleural fluid, ascitic fluid, peritoneal/ abdominal fluid, synovial/ joint fluid, cyst fluid, CSF/ Oral secretions, nasal secretions, Endotracheal/ tracheal secretions, Bronchoalveolar lavage, drain fluids/ Tissue	Fungal Culture, Identification & Yeast Sensitivity	Conventional Fungal Culture & Identification of yeast by advanced colorimetric method and sensitivity by automated MIC methodology. Identification of filamentous fungi by conventional methods.
170	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pus / Pus Swab / Swab / Sputum / Urine / Stool / Tissue/ Tips and Oral secretions, nasal secretions, Endotracheal/ tracheal secretions, Bronchoalveolar lavage, drain fluids	Aerobic Culture & Antimicrobial Susceptibility Test	Conventional Aerobic Culture & Identification by Advanced colorimetric method and conventional methods (Biochemical tests) & Antimicrobial Susceptibility Test by automated MIC methodology and by disc diffusion (Kirby Bauer)
171	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pus, pus swab, swabs, sputum, respiratory secretions, urine, stool, tissue, oral secretions, nasal secretions, Endotracheal secretions, Bronchoalveolar lavage, drain fluids, Pleural fluid, ascitic fluid, peritoneal/ abdominal fluid, synovial/ joint fluid, cyst fluid, CSF	Gram's stain	Conventional Gram's stain & Microscopy
172	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pus, sputum, respiratory secretions, urine, stool, tissue, oral secretions, nasal secretions, Endotracheal secretions, Bronchoalveolar lavage, drain fluids, Pleural fluid, ascitic fluid, peritoneal/ abdominal fluid, synovial/ joint fluid, cyst fluid, CSF	Acid Fast Bacilli (AFB) stain	Modified Ziehl- Neelsen stain & Microscopy
173	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Hepatitis B Surface Antigen (HBsAg)	Immunochromatographic
174	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Hepatitis C Virus (HCV)	Immunochromatographic
175	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Human Immunodeficiency Virus (HIV) 1 & 2	Immunochromatographic
176	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Rapid Plasma Reagin (RPR)	RPR by Slide Flocculation
177	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Widal Test by Tube test Agglutination	Tube test Agglutination
178	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma	Hepatitis B Surface Antigen (HBsAg)	Immunometric Assay by Enhanced Chemiluminescence
179	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma	Hepatitis B Surface Antigen (HBsAg) (Ultra)	Enzyme Linked Fluorescence Assay (ELFA)



National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
180	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / Citrate Plasma	Human Immunodeficiency Virus (HIV) 1& 2	Double Antigen Immunometric Assay by Enhanced Chemiluminescence
181	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / EDTA Plasma	Anti-Hepatitis A Virus IgM (HAV IgM)	Enzyme Linked Fluorescence Assay (ELFA)
182	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / EDTA Plasma	Anti-Streptolysin O (ASO)	Immunoturbidimetric Assay
183	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / EDTA Plasma	C-Reactive protein (CRP)	Non-competitive Immunorate Assay
184	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / EDTA Plasma	Human Immunodeficiency Virus (HIV) - Duo (Ultra)	Enzyme Linked Fluorescence Assay (ELFA) [HIV p24 antigen, HIV antibody]
185	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / EDTA Plasma	Rheumatoid Factor (RA)	Immunoturbidimetric Assay
186	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum / Heparin Plasma / EDTA Plasma / Citrate Plasma	Hepatitis C Virus (HCV)	Immunometric Assay by Enhanced Chemiluminescence



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Recognised Sample Collection Center/Facility

ID of Sample Collection Center / Facility	Name of Sample Collection Center / Facility, Location	Address of Sample Collection Center / Facility
SCF0010638	JVLR Laboratory Collection Centre	JVLR Laboratory Collection Centre- Dr L H Hiranandani Hospital 20, Ground Floor, Poonam Vihar B, Poonam Nagar, Majas Village, JVLR Road, Andheri East, Mumbai 400093



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Recognised Sample Collection Center/Facility

ID of Sample Collection Center / Facility	Name of Sample Collection Center / Facility, Location	Address of Sample Collection Center / Facility
SCF0010639	Raheja Vihar Laboratory Collection Centre,	102, Anoushka Polyclinic, Crystal centre, 1st Floor, Raheja Vihar, Powai. MUMBAI, MAHARASHTRA. PINCODE 400072



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Recognised Sample Collection Center/Facility

ID of Sample Collection Center / Facility	Name of Sample Collection Center / Facility, Location	Address of Sample Collection Center / Facility
SCF0010640	Hiranandani Hospital Collection Centre Thane	Hiranandani Hospital, Hamilton B, Hiranandani Estate, Off Ghodbunder Road, THANE MAHARASHTRA. PINCODE 400607



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Recognised Sample Collection Center/Facility

ID of Sample Collection Center / Facility	Name of Sample Collection Center / Facility, Location	Address of Sample Collection Center / Facility
SCF0010641	Ghatkopar Laboratory Collection Centre	Patale Niwas, Sanghani Estate, Garden Lane, LBS Marg, Ghatkopar(W), Mumbai PINCODE 400086