



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	NEUBERG ANAND REFERENCE LABORATORY, ANAND TOWER, #54, BOWRING HOSPITAL ROAD, SHIVAJINAGAR, BENGALURU, KARNATAKA, INDIA		
<b>Accreditation Standard</b>	ISO 15189:2012		
<b>Certificate Number</b>	MC-2784	<b>Page No</b>	1 of 32
<b>Validity</b>	22/06/2021 to 21/06/2023	<b>Last Amended on</b>	23/06/2021

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	24 hour urine	Metanephrines	LC-MS/MS
2	CLINICAL BIOCHEMISTRY	24 hour urine	VMA (Vanillyl Mandelic Acid)	LC-MS/MS
3	CLINICAL BIOCHEMISTRY	24 hour/Random	Dopamine	LC-MS/MS
4	CLINICAL BIOCHEMISTRY	24 hour/Random	Norepinephrine	LC-MS/MS
5	CLINICAL BIOCHEMISTRY	24 hr urine	5 HIAA(5 Hydroxy indole acetic acid)	LC-MS/MS
6	CLINICAL BIOCHEMISTRY	24 hr urine/Random	Epinephrine	LC-MS/MS
7	CLINICAL BIOCHEMISTRY	24 hr urine/Random	Normetanephrine	LC-MS/MS
8	CLINICAL BIOCHEMISTRY	Citrate Plasma	D Dimer	Chemiluminescence
9	CLINICAL BIOCHEMISTRY	Citrate Plasma,EDTA Plasma	Fibrinogen	Immuno Nephelometry
10	CLINICAL BIOCHEMISTRY	CSF/Serum	CSF Oligoclonal Banding	Iso electric focusing
11	CLINICAL BIOCHEMISTRY	Dry Blood Spot	17 hydroxyprogesterone	Fluorimetry
12	CLINICAL BIOCHEMISTRY	Dry Blood Spot	Biotinidase	Fluorimetry
13	CLINICAL BIOCHEMISTRY	Dry Blood Spot	Galactosemia (Galactose)	Fluorimetry
14	CLINICAL BIOCHEMISTRY	Dry Blood Spot	Glucose -6-phosphate dehydrogenase(G6PD)	Fluorimetry
15	CLINICAL BIOCHEMISTRY	Dry Blood Spot	Immune reactive Trypsinogen	Fluorimetry
16	CLINICAL BIOCHEMISTRY	Dry Blood Spot	TSH	Fluorimetry
17	CLINICAL BIOCHEMISTRY	EDTA Plasma	Busulfan	LC-MS/MS
18	CLINICAL BIOCHEMISTRY	EDTA plasma	Cyclosporine	LC-MS/MS



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19	CLINICAL BIOCHEMISTRY	EDTA plasma	Everolimus	LC-MS/MS
20	CLINICAL BIOCHEMISTRY	EDTA Plasma	Renin	Chemiluminescence
21	CLINICAL BIOCHEMISTRY	EDTA plasma	Tacrolimus	LC-MS/MS
22	CLINICAL BIOCHEMISTRY	EDTA Whole blood	Glycosylated Hb	Capillary Electrophoresis
23	CLINICAL BIOCHEMISTRY	K2 K3 EDTA Plasma	ACTH ( Adrenocorticotropic hormone)	Chemiluminescence
24	CLINICAL BIOCHEMISTRY	Serum	11 Deoxy Cortisol	LC-MS/MS
25	CLINICAL BIOCHEMISTRY	Serum	17 OH Progesterone	LC-MS/MS
26	CLINICAL BIOCHEMISTRY	Serum	25 hydroxy Vitamin D Total	Chemiluminescence
27	CLINICAL BIOCHEMISTRY	Serum	25 hydroxy Vitamin D total	LC-MS/MS
28	CLINICAL BIOCHEMISTRY	Serum	25 Hydroxy Vitamin D2	LC-MS/MS
29	CLINICAL BIOCHEMISTRY	Serum	25 Hydroxy Vitamin D3	LC-MS/MS
30	CLINICAL BIOCHEMISTRY	Serum	Active B12	Chemiluminescent Microparticle Immunoassay
31	CLINICAL BIOCHEMISTRY	Serum	Alpha 1 antitrypsin	Immuno Nephelometry
32	CLINICAL BIOCHEMISTRY	Serum	Androstenedione	LC-MS/MS
33	CLINICAL BIOCHEMISTRY	Serum	Anti Mullerian Hormone	Chemiluminescence
34	CLINICAL BIOCHEMISTRY	Serum	Anti Streptolysin O (ASO)	Particle enhanced Immuno Nephelometry
35	CLINICAL BIOCHEMISTRY	Serum	BHCG	Chemiluminescent Microparticle Immunoassay



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36	CLINICAL BIOCHEMISTRY	Serum	Carbamazepine	Chemiluminescence
37	CLINICAL BIOCHEMISTRY	Serum	Erythropoietin	Chemiluminescence
38	CLINICAL BIOCHEMISTRY	Serum	Follicle Stimulating Hormone (FSH)	Chemiluminescence
39	CLINICAL BIOCHEMISTRY	Serum	Free Beta HCG	Trace technology
40	CLINICAL BIOCHEMISTRY	Serum	Free Thyroxine (FT4)	Chemiluminescence
41	CLINICAL BIOCHEMISTRY	Serum	Free Triiodothyronine (FT3)	Chemiluminescence
42	CLINICAL BIOCHEMISTRY	Serum	Growth Hormone	Chemiluminescence
43	CLINICAL BIOCHEMISTRY	Serum	HCG	Chemiluminescence
44	CLINICAL BIOCHEMISTRY	Serum	IgG	ImmunoNephelometry
45	CLINICAL BIOCHEMISTRY	Serum	IgG4	Particle enhanced immuno Nephelometry
46	CLINICAL BIOCHEMISTRY	Serum	IL6	Chemiluminescence
47	CLINICAL BIOCHEMISTRY	Serum	Inhibin A	Chemiluminescence
48	CLINICAL BIOCHEMISTRY	Serum	Luteinizing Hormone (LH)	Chemiluminescence
49	CLINICAL BIOCHEMISTRY	Serum	Phenobarbitone	UPLC PDA
50	CLINICAL BIOCHEMISTRY	Serum	Pregnancy Associated Plasma Protein A (PAPPA)	Trace technology
51	CLINICAL BIOCHEMISTRY	Serum	Progesterone	Chemiluminescence
52	CLINICAL BIOCHEMISTRY	Serum	Prolactin	Chemiluminescence
53	CLINICAL BIOCHEMISTRY	Serum	Protein Electrophoresis Albumin	Capillary Electrophoresis
54	CLINICAL BIOCHEMISTRY	Serum	Protein Electrophoresis Alpha 1	Capillary Electrophoresis



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55	CLINICAL BIOCHEMISTRY	Serum	Protein Electrophoresis Apha 2	Capillary Electrophoresis
56	CLINICAL BIOCHEMISTRY	Serum	Protein Electrophoresis Beta	Capillary Electrophoresis
57	CLINICAL BIOCHEMISTRY	Serum	Protein Electrophoresis Gamma	Capillary Electrophoresis
58	CLINICAL BIOCHEMISTRY	Serum	SHBG (Sex Hormone Binding Globulin) And calculated free testosterone	Chemiluminescence
59	CLINICAL BIOCHEMISTRY	Serum	Testosterone (Total)	LC-MS/MS
60	CLINICAL BIOCHEMISTRY	Serum	Thyroid Stimulating Hormone (TSH)	Chemiluminescence
61	CLINICAL BIOCHEMISTRY	Serum	Total Thyroxine (T4)	Chemiluminescence
62	CLINICAL BIOCHEMISTRY	Serum	Total Triiodothyronine (T3)	Chemiluminescence
63	CLINICAL BIOCHEMISTRY	Serum	Unconjugated Estriol	Chemiluminescence
64	CLINICAL BIOCHEMISTRY	Serum	Voriconazole	LC-MS/MS
65	CLINICAL BIOCHEMISTRY	Serum / Heparin /EDTA Plasma/ Amniotic fluid	Alfa feto protein (AFP)	Chemiluminescence
66	CLINICAL BIOCHEMISTRY	Serum /EDTA/ Heparin Plasma	Anti - Thyroglobulin antibody	Chemiluminescence
67	CLINICAL BIOCHEMISTRY	Serum /EDTA/ Heparin Plasma	Beta-2-Microglobulin	Particle enhanced immuno nephelometric assay
68	CLINICAL BIOCHEMISTRY	Serum /Heparin plasma	Complement C3	Immuno Nephelometry
69	CLINICAL BIOCHEMISTRY	Serum /Heparin plasma	Complement C4	Immuno Nephelometry



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70	CLINICAL BIOCHEMISTRY	Serum /Heparin plasma	Soluble Transferrin Receptors (sTfR)	Particle enhanced immuno nephelometric assay
71	CLINICAL BIOCHEMISTRY	Serum /Heparin plasma	Troponin I	Chemiluminescent Microparticle Immunoassay
72	CLINICAL BIOCHEMISTRY	Serum /Lithium Heparin - Sodium Heparin, K2,K3 EDTA- plasma	25 Hydroxy Vitamin D	Chemiluminescent Microparticle Immunoassay
73	CLINICAL BIOCHEMISTRY	Serum /Lithium Heparin - Sodium Heparin, K2,K3 EDTA- plasma	Immunoglobulin E (IgE)	Chemiluminescence
74	CLINICAL BIOCHEMISTRY	Serum /Lithium- Heparin- EDTA- plasma	CA 19-9	Chemiluminescence
75	CLINICAL BIOCHEMISTRY	Serum /Lithium- Heparin- EDTA- plasma	Estradiol (E2)	Chemiluminescence
76	CLINICAL BIOCHEMISTRY	Serum /Lithium/ Heparin Plasma	Anti Thyroid peroxidase antibody (anti TPO)	Chemiluminescence
77	CLINICAL BIOCHEMISTRY	Serum, Urine	Immunofixation	Gel electrophoresis
78	CLINICAL BIOCHEMISTRY	Serum/ EDTA Plasma	Aldosterone	Chemiluminescence
79	CLINICAL BIOCHEMISTRY	Serum/ EDTA/Heparin Plasma	Haptoglobin	Immuno Nephelometry
80	CLINICAL BIOCHEMISTRY	Serum/ EDTA/Heparin Plasma	IgA	Immuno Nephelometry
81	CLINICAL BIOCHEMISTRY	Serum/ Plasma/ Urine	Free Kappa-Light Chains	Particle Enhanced Immuno Nephelometry
82	CLINICAL BIOCHEMISTRY	Serum/ Plasma/ Urine	Free Lambda-Light Chains	Particle Enhanced Immuno Nephelometry



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83	CLINICAL BIOCHEMISTRY	Serum/ EDTA, Heparin, Citrate plasma	Anti CCP Antibody	Chemiluminescence
84	CLINICAL BIOCHEMISTRY	Serum/ Lithium Heparin, K3 EDTA, Potassium Oxalate Plasma	DHEA Sulphate	LC-MS/MS
85	CLINICAL BIOCHEMISTRY	Serum/Heparin EDTA plasma	IgM	Immuno Nephelometry
86	CLINICAL BIOCHEMISTRY	Serum/Heparin Plasma	Ceruloplasmin	Immuno Nephelometry
87	CLINICAL BIOCHEMISTRY	Serum/Heparin Plasma	Cystatin C	Particle Enhanced Immuno Nephelometry
88	CLINICAL BIOCHEMISTRY	Serum/Heparin Plasma	Rheumatoid Factor	Particle Enhanced Immuno Nephelometry
89	CLINICAL BIOCHEMISTRY	Serum/Heparin plasma/K2, K3 EDTA	Phenytoin	Chemiluminescence
90	CLINICAL BIOCHEMISTRY	Serum/Heparin Plasma	Creatine Kinase MB	Chemiluminescence
91	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	CarcinoembryonicAntigen (CEA)	Chemiluminescence
92	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Ferritin	Chemiluminescence
93	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Folate	Chemiluminescence
94	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Free PSA	Chemiluminescence
95	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Intact Parathyroid Hormone	Chemiluminescence
96	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Testosterone	Chemiluminescence



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97	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Total PSA	Chemiluminescence
98	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Valproic Acid	Chemiluminescence
99	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma/ EDTA plasma	Thyroglobulin	Chemiluminescence
100	CLINICAL BIOCHEMISTRY	Serum/Li Heparin Plasma/ K3 EDTA plasma	Cortisol	Chemiluminescence
101	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma/K3 EDTA plasma/Fluid	CA 125	Chemiluminescence 2U/
102	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma/Na citrate plasma /K3 EDTA plasma	Insulin	Chemiluminescence
103	CLINICAL BIOCHEMISTRY	Serum/Li Heparin plasma /K3 EDTA plasma	Homocysteine	Chemiluminescence
104	CLINICAL BIOCHEMISTRY	Serum/Urine	C peptide	Chemiluminescence
105	CLINICAL BIOCHEMISTRY	Stone/Calculus	Kidney Stone Analysis ( Calcium Oxalate ,Uric acid, Struvite.Cystine)	FTIR
106	CLINICAL BIOCHEMISTRY	Urine	Amphetamine	Lateral flow immunochromatography
107	CLINICAL BIOCHEMISTRY	Urine	Barbiturates	Lateral flow immunochromatography
108	CLINICAL BIOCHEMISTRY	Urine	Bence Jones Proteins	Gel Electrophoresis
109	CLINICAL BIOCHEMISTRY	Urine	Benzodiazepines	Lateral flow immunochromatography



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110	CLINICAL BIOCHEMISTRY	Urine	Cocaine	Lateral flow immunochromatography
111	CLINICAL BIOCHEMISTRY	Urine	Electrophoresis ( Albumin ,Alpha 1 ,Alpha 2 ,Beta 1,Beta 2 and Gamma)	Gel Electrophoresis
112	CLINICAL BIOCHEMISTRY	Urine	Morphine	Lateral flow immunochromatography
113	CLINICAL BIOCHEMISTRY	Urine	Phencyclidine	Lateral flow immunochromatography
114	CLINICAL BIOCHEMISTRY	Urine	Tetrahydro Cannabinol	Lateral flow immunochromatography
115	CYTOGENETICS	Amniotic fluid	Karyotype Analysis	GTG Banding, Software Aided Microscopic Analysis
116	CYTOGENETICS	Amniotic fluid,Cord blood	Pre-natal diagnosis	Fluorescent insitu Hybridization
117	CYTOGENETICS	Amniotic fluid,Peripheral blood, Cord Blood	Chromosome 13/18/21/X/Y	Fluorescent insitu Hybridization
118	CYTOGENETICS	Amniotic fluid,Peripheral blood,Cord blood	Di-George (TUPLE)	Fluorescent insitu Hybridization
119	CYTOGENETICS	Amniotic fluid,Peripheral blood,Cord blood	Praderwill /Angelman Syndrome	Fluorescent insitu Hybridization
120	CYTOGENETICS	Amniotic fluid,Peripheral blood,Cord blood	William Syndrome	Fluorescent insitu Hybridization
121	CYTOGENETICS	Bone marrow aspirate/ paraffin block/PBL	C-Myc	Fluorescent insitu Hybridization





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122	CYTOGENETICS	Bone marrow aspirate post BMT/ PBL	Chromosome X/Y	Fluorescent insitu Hybridization
123	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	Acute Lymphoblastic leukemia Panel (ALL)E2A/PBX, MLL, TEL/AML-1, BCR/ABL-1	Fluorescent insitu Hybridization
124	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	Acute Myeloid leukemia Panel (AML)CBFB/MYH 11, AML-1/ETO, MLL, PML/RARA	Fluorescent insitu Hybridization
125	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	CDKN2A/9q22	Fluorescent insitu Hybridization
126	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	CLL Profiler Panel D13S319/13qter/12 Centromere, p53/ATM Probe/ MYB Deletion (6q23)	Fluorescent insitu Hybridization
127	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	ETV6 BREAK A PART	Fluorescent insitu Hybridization
128	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	Hyper Eosinophilia Panel (HES)4q12, PDGFRB, FGFR1, BCR/ABL1, CBFB/MYH 11	Fluorescent insitu Hybridization
129	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	IGH/MYC (8;14) ALL-L3 Burkitt Lymphoma	Fluorescent insitu Hybridization



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130	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	MDS panel: del(5q); del(7q); del(20q); CEP 8	Fluorescent insitu Hybridization
131	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	Myeloproliferative neoplasm Panel	Fluorescent insitu Hybridization
132	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	RARA Breakapart Probe (AML-M3)	Fluorescent insitu Hybridization
133	CYTOGENETICS	Bone marrow aspirate/ Peripheral blood/Paraffin Block	RUNX1 BREAK A PART	Fluorescent insitu Hybridization
134	CYTOGENETICS	Bone marrow aspirate/Paraffin Block	t(14:16)IgH/MAF	Fluorescent insitu Hybridization
135	CYTOGENETICS	Bone marrow aspirate/Paraffin Block	t(4:14)FGFR3/IgH	Fluorescent insitu Hybridization
136	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	5p15/9q22/15q22	Fluorescent insitu Hybridization
137	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	BCL2 BREAK A PART	Fluorescent insitu Hybridization
138	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	BCL6 BREAK A PART	Fluorescent insitu Hybridization
139	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	EWSRI BREAK A PART	Fluorescent insitu Hybridization



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140	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	I rf4 BREAK A PART	Fluorescent insitu Hybridization
141	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	Iso(17)q	Fluorescent insitu Hybridization
142	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	ROS -1- GOPIC BREAK A PART	Fluorescent insitu Hybridization
143	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	t(14:18) IgH /BCI2	Fluorescent insitu Hybridization
144	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	t(6:9) DEK/Nup214	Fluorescent insitu Hybridization
145	CYTOGENETICS	Bone marrow aspirate/Paraffin Block/PBL	TCRA/D	Fluorescent insitu Hybridization
146	CYTOGENETICS	Bone marrow,Paraffin block	Multiple Myeloma Panel (CDKN2C/CKS1B, DLEU1/DLAMP, P53/Cep17, IGH)	Fluorescent insitu Hybridization
147	CYTOGENETICS	Bone marrow,PBL in Sodium heparin	Karyotype Analysis	Unstimulated Culture/Stimulated Culture with GTG Banding, Software Aided Microscopic Analysis
148	CYTOGENETICS	Bone marrow,PBL in Sodium heparin,Paraffin block	t (3:3)GATA2 /MECOM Dual fusion probe	Fluorescent insitu Hybridization



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149	CYTOGENETICS	Bone marrow,PBL in Sodium heparin,Paraffin block	T(11;14) Mantle cell lymphoma	Fluorescent insitu Hybridization
150	CYTOGENETICS	Cultured stem cells in tissue culture flask/ petri dish	Karyotype Analysis	GTG Banding, Software Aided Microscopic Analysis
151	CYTOGENETICS	Paraffin block	EGFR Amplification	Fluorescent insitu Hybridization
152	CYTOGENETICS	Paraffin Block	HER-2 NEU	Fluorescent insitu Hybridization
153	CYTOGENETICS	Paraffin Block ,PBL ,Bone marrow	ALK BREAK A PART	Fluorescent insitu Hybridization
154	CYTOGENETICS	Urine	Bladder cancer P16 -9p21.3, cep 3/7 and 17 chromosome	Fluorescent insitu Hybridization
155	FLOW CYTOMETRY	EDTA blood	HLA B27	Flowcytometry
156	FLOW CYTOMETRY	EDTA Bone marrow/Heparin bone marrow aspirate	B-ALL Minimal residual disease detection (CD45,CD19,CD38,CD34, CD10,CD20,CD58,CD123 ,CD66c,CD73,CD8,CD200	Flowcytometry
157	FLOW CYTOMETRY	EDTA Bone marrow/Heparin bone marrow aspirate	Immunophenotyping for plasma cell disorder (CY - KAPPA-LAMBDA, CD27,CD19,CD56,CD38, CD138,CD45,CD81,CD20 )	Flowcytometry



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<b>Laboratory Name :</b>	NEUBERG ANAND REFERENCE LABORATORY, ANAND TOWER, #54, BOWRING HOSPITAL ROAD, SHIVAJINAGAR, BENGALURU, KARNATAKA, INDIA		
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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
158	FLOW CYTOMETRY	EDTA Bone marrow/Heparin bone marrow aspirate	T-ALL Minimal residual disease detection (TMRD) (CD45,CD7,CYTO CD3,CD4,CD56 +CD60,Surface CD3,CD5,CD8,CD38,CD34,CD2)	Flowcytometry
159	FLOW CYTOMETRY	EDTA whole blood/Heparin whole blood	CD18 for Leucocyte adhesion defect	Flowcytometry
160	FLOW CYTOMETRY	EDTA whole blood/Heparin whole blood	Dihydrorhodamine test for work up of Primary immunodeficiency	Flowcytometry



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161	FLOW CYTOMETRY	EDTA whole blood/Heparin whole blood/ EDTA bone marrow/ Heparin bone marrow, Body fluids, FNA Material from Lymphnodes	Immunophenotyping for a. Acute Leukemia CD45, CD13, CD33, CD14, CD117, HLADR, TdT, CD34, CD3, CD4, CD8, CD79aMPO, CD19, CD10, CD20, CD7, CD1A, cCD3, CD38, CD66c, CD5, CD56, CD16, CD64, CD36, CD2, CD41, CD61 b. Chronic lymphoproliferative Disorder CLPD , CD45, CD3, CD4, CD8, CD5, CD19, CD20, CD23, CD10, FMC7, KAPPA, LAMBDA, CD79b, CD200, CD103, CD11c, CD1a, CD38, CD7, CD56, CD43, CD49d, CD25, CD123	Flowcytometry
162	FLOW CYTOMETRY	EDTA whole blood/Heparin whole blood/Peripheral blood/Bone marrow	Naive T cell enumeration	Flowcytometry
163	FLOW CYTOMETRY	EDTA Whole blood	CD 19 counts	Flowcytometry
164	FLOW CYTOMETRY	EDTA Whole blood	CD 20 counts	Flowcytometry
165	FLOW CYTOMETRY	EDTA whole blood	CD3 counts	Flow Cytometry
166	FLOW CYTOMETRY	EDTA whole blood	CD4 counts	Flowcytometry
167	FLOW CYTOMETRY	EDTA whole blood	CD45 counts	Flowcytometry
168	FLOW CYTOMETRY	EDTA whole blood	CD8 counts	Flowcytometry



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169	FLOW CYTOMETRY	EDTA Whole Blood	Enumeration of B cells (CD19,CD20)	Flowcytometry
170	FLOW CYTOMETRY	EDTA Whole Blood	Enumeration of NK cells (CD 16,CD56)	Flowcytometry
171	FLOW CYTOMETRY	EDTA Whole Blood	Enumeration of T cells ( CD3,CD4,CD8)	Flowcytometry
172	FLOW CYTOMETRY	EDTA Whole Blood	PNH (FLAER ,CD15,CD45,CD157,CD64,CD59,CD55,CD235a)	Flowcytometry
173	FLOW CYTOMETRY	EDTA whole blood	Screening for hereditary Spherocytosis	Flowcytometry
174	FLOW CYTOMETRY	EDTA whole blood/ Heparin whole blood	Double negative T cells (TCR alpha beta, CD4-CD8)	Flowcytometry
175	FLOW CYTOMETRY	EDTA whole blood/ Heparin whole blood	Lymphocyte Cross Match (T cells/B cell population)	Flowcytometry
176	FLOW CYTOMETRY	EDTA whole blood/peripheral whole blood	CD34 (Stem Cell) Enumeration	Flowcytometry
177	FLOW CYTOMETRY	EDTA/Heparin whole blood	Comprehensive Lymphocyte subset analysis (CD 45,CD3,CD4,CD8,CD19,CD27,CD45RA,IgM,IgD,CD 16,CD56,TCRG10, CD25,HLA-DR	Flowcytometry
178	HAEMATOLOGY	EDTA whole blood	Hemoglobin Variants- A	Capillary Electrophoresis
179	HAEMATOLOGY	EDTA whole blood	Hemoglobin Variants- HbA2	Capillary Electrophoresis



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180	HAEMATOLOGY	Heparin whole blood, EDTA whole blood, Serum	Lymphocyte Cross Match - CDC	Complement dependent cytotoxicity
181	HISTOPATHOLOGY	Fresh unfixed tissue in saline / Michels transport medium	Immunofluorescence Microscopy specific monospecific antibodies -IgG, IgA, IgM, C3c, C1q, Kappa and Lambda	Cryostat sections and staining with specific monospecific antibodies conjugated with FITC. (Direct immunofluorescence)





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182	HISTOPATHOLOGY	Section from paraffin embedded tissue	Immunohistochemistry-Prognostic/ Theranostic markers " ER, PR, Her2/neu, Ki67, p16- Other Immunohistochemistry markers (CD45 CD3 CD20 ALK VIMENTIN KI67 CK7 BCL2 CYCLIN D1 CD68 TTF-1 CD99 SYNAPTOPHYSIN CK-5/6 CD10 EMA PAX-5 MYOGENIN CD8 CD30 CK20 CD31 MUM1 BCL6 CD5 CD138 CK TDT HMB45 S100 P63 SALL4 ACTIN CHROMOGRANIN-A C4D DESMIN CD34 IGG IGG4 KAPPA C3D CD23 HEPATOCYTE GFAP AMYLOID-A LAMBDA CD15 CD19 MYOD-CD-1A AMACR DOG-1 CD7 CD2 CD56 CDX2 CD79A BETA CATENIN CALRETININE CD117 CD4 C-MYC EBV GATA3 NAPSIN-A P40 TLE-1 P53 WT1) used as ancillary to histopathological diagnosis.	Automated method based on heat induced epitope antigen retrieval and staining with specific antibodies. Microscopic study of stained slide to assess localization and intensity of stain. Scoring of theranostic/prognostic markers by manual/digital scoring



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183	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Nil, TB antigen & Mitogen tube + 5ml Li - Heparin plasma	Interferon Gamma Release Assay (IGRA)	ELISA
184	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Brucella IgM	ELISA
185	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue Ig M Capture Antibody	ELISA (Manual)
186	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue IgG Capture Antibody	ELISA (Manual)
187	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue NS1 Antigen	ELISA (Manual)
188	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Leptospira IgM Antibody	ELISA
189	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Measles IgG Antibody	ELFA
190	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Mumps IgG Antibody	ELFA
191	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Varicella Zoster IgG Antibody	ELFA



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192	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/ Plasma(Citrate/EDTA/Heparin)	Chlamydia IgG Antibody	ELISA
193	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate plasma/EDTA plasma/Heparin plasma	A N A Blot Antibodies against 1. nRNP/Sm 2. Sm 3. SS-A 4. Ro-52 5. SS-B 6. Scl 70 7. PM-Scl 8. Jo-1 9. CENP B 10. PCNA 11.ds DNA	Immuno Blot Assay
194	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate plasma/EDTA plasma/Heparin plasma	Antibodies to Food allergens	Immuno Blot Assay
195	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate plasma/EDTA plasma/Heparin plasma	Antibodies to Respiratory allergens	Immuno Blot Assay
196	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate plasma/EDTA plasma/Heparin plasma	Autoimmune Hepatitis Profile Antibodies against 1.AMA-M2 2.LKM-1 3.LC-1 4.SLA/LP	Immuno Blot Assay
197	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate Plasma/EDTA Plasma/Heparin Plasma	Herpes Simplex Virus - 1 IgG	ELISA
198	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate Plasma/EDTA Plasma/Heparin Plasma	Herpes Simplex Virus - 1 IgM	ELISA
199	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate Plasma/EDTA Plasma/Heparin Plasma	Herpes Simplex Virus - 2 IgG	ELISA



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200	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Citrate Plasma/EDTA Plasma/Heparin Plasma	Herpes Simplex Virus - 2 IgM	ELISA
201	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/CSF	Cryptococcal Antigen	Cryptococcal Antigen Latex Agglutination System (CALAS)
202	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Allergen Specific IgE	Fluoroenzyme Immunoassay-Immucap
203	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti - Beta 2 glycoprotein IgG	ELISA
204	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti - Beta 2 glycoprotein IgG	Fluorescence Enzyme Immunoassay-ELIA
205	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti - Beta 2 glycoprotein IgM	ELISA
206	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti - Beta 2 glycoprotein IgM	Fluorescence Enzyme Immunoassay-ELIA
207	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti Gliadin Deaminated peptide IgA	Fluorescence Enzyme Immunoassay-ELIA
208	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti Gliadin Deaminated peptide IgG	Fluorescence Enzyme Immunoassay-ELIA



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209	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti Tissue Transglutaminase IgA	Fluorescence Enzyme Immunoassay-ELIA
210	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti Tissue Transglutaminase IgG	Fluorescence Enzyme Immunoassay-ELIA
211	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anticardiolipin IgG	Fluorescence Enzyme Immunoassay-ELIA
212	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anticardiolipin IgM	Fluorescence Enzyme Immunoassay-ELIA
213	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti-Nuclear Antibody (CTD Screen)	Fluorescence Enzyme Immunoassay-ELIA
214	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti-Saccharomyces cerevisiae (ASCA)IgA	Fluorescence Enzyme Immunoassay-ELIA
215	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Anti-Saccharomyces cerevisiae (ASCA)IgG	Fluorescence Enzyme Immunoassay-ELIA
216	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Centromere (CENP)	Fluorescence Enzyme Immunoassay-ELIA
217	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Food Intolerance IgG Antibody	Microarray+ Elisa



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218	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA Plasma	HEV IgG	ELFA
219	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Jo-1 9	Fluorescence Enzyme Immunoassay -ELIA
220	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Scl-70	Fluorescence Enzyme Immunoassay -ELIA
221	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Sm (Smith)	Fluorescence Enzyme Immunoassay-ELIA
222	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	SSA/RO	Fluorescence Enzyme Immunoassay-ELIA
223	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	SSB/La	Fluorescence Enzyme Immunoassay-ELIA
224	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	Tryptase	Fluoroenzyme Immunoassay-Immunocap
225	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/EDTA plasma	U1RNP	Fluorescence Enzyme Immunoassay-ELIA
226	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin Plasma	Anti HCV Antibodies	CMIA



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227	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin Plasma	NT Pro BNP	ELFA
228	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin Plasma	Procalcitonin	ELFA
229	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Anti - Proteinase 3	ELISA
230	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Anti ds DNA Antibody	Indirect Immuno-fluorescence
231	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Anti GBM Antibody	Fluorescence Enzyme Immunoassay-ELIA
232	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Anti Smooth Muscle Antibody	Indirect Immuno-fluorescence
233	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Antibodies to EBNA IgG	CLIA
234	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Antibodies to EBV-VCA IgG	CLIA
235	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Antibodies to EBV-VCA IgM	CLIA



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236	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Anti-Mitochondrial antibody	Indirect Immuno-fluorescence
237	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Anti-Nuclear Antibody	Indirect Immuno-fluorescence
238	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Antiphospholipase A2 Receptor	Indirect Immuno-fluorescence
239	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	dsDNA NcX IgG Antibody	ELISA
240	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Granulocyte mosaic c-ANCA p-ANCA	Indirect Immuno-fluorescence
241	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Helicobacter pylori Antibody IgG	ELISA
242	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Heparin/Citrate /EDTA Plasma	Helicobacter pylori IgA	ELISA
243	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Li Heparin Plasma	Hepatitis B Surface Antigen	ELFA
244	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Allergy profile	Fluorescence enzyme Immunoassay - ELIA





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245	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	ANA CTD Screen ( CLIA)	CLIA
246	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Anti Diphteria Toxoid	ELISA
247	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Anti HBe	CMIA
248	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Anti Myeloperoxidase ( Anti MPO)	ELISA
249	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Anti SARS CoV2 spike protein (S1/S2) IgG	Chemiluminescence
250	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Anti Treponemal antibody	CMIA
251	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Antibody to Hepatitis B Surface Antigen	CMIA
252	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Aquaporin and Myelin Oligodendrocyte Glycoprotein Antibody (NMOSD)	Indirect Immuno-fluorescence
253	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Calprotectin	CLIA



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254	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Cardiolipin IgG	CLIA
255	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Cardiolipin IgM	CLIA
256	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	CMV IgG Antibody	CMIA
257	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	CMV IgM Antibody	CMIA
258	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HAV IgM	CMIA
259	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HBc IgM	CMIA
260	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HBc Total	CMIA
261	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HBe Ag	CMIA
262	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HBsAg Neutralization	CMIA



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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
263	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Hepatitis B Surface Antigen	CMIA
264	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HEV IgM	ELFA
265	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HIV 1 & 2 Antibody	Immunoconcentration
266	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HIV 1 & 2 Antibody confirmatory test (Western Blot)	Recombinant Immunoblot Assay
267	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HIV 1 & 2 Antigen and Antibody detection	CMIA
268	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	HIV 1 & 2 Antigen and Antibody detection	ELFA
269	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Intrinsic factor/ Parietal cells	Indirect Immuno-fluorescence
270	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Myositis Profile	Immuno Blot Assay
271	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Neuronal Antigen Profile	Immuno Blot



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272	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	NMDA Receptor Antibody	Indirect Immuno-fluorescence
273	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Rubella IgG	CMIA
274	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Rubella IgM	CMIA
275	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	SARS CoV2 RBD Total (IgG & IgM)	Chemiluminescence
276	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Toxoplasma IgG	CMIA
277	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	Toxoplasma IgM	CMIA
278	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma	VGKC Receptor Antibody	Indirect Immuno-fluorescence
279	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma/CSF	Aquaporin - 4	Indirect Immuno-fluorescence
280	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma/CSF	Autoimmune encephalitis Antibodies against 1. Glutamate receptor (NMDA, AMPA 1&2) 2. CASPR 3. LGI 1 4. GABA Receptor B1 & B2	Indirect Immuno-fluorescence



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281	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum/Plasma/CSF	Neuromyelitin optica spectrum disorder	Indirect Immuno-fluorescence
282	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Stool	Calprotectin 2	Fluorescence Enzyme Immunoassay-ELIA
283	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Whole blood	Filarial Antigen Detection	Immunochromatography card test
284	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Whole blood	Malarial Antigen Detection HRP-II (Histidine Rich Protein - II), pLDH (Plasmodium lactate dehydrogenase)	Immunochromatography card test
285	MOLECULAR TESTING	CSF	DNA Detection of HSV 1 and HSV 2	Real Time PCR
286	MOLECULAR TESTING	CSF, EDTA plasma ,Urine	Cytomegalovirus DNA ( Quantitative- viral load)	Real-time PCR
287	MOLECULAR TESTING	EDTA blood, Urine, CSF	Cytomegalovirus DNA (Qualitative )	Real time PCR
288	MOLECULAR TESTING	EDTA Plasma	HBV DNA (Qualitative)	Real Time PCR
289	MOLECULAR TESTING	EDTA Plasma	HBV Viral Load (Quantitative)	Real Time PCR
290	MOLECULAR TESTING	EDTA Plasma	HCV RNA (Qualitative)	Real Time PCR
291	MOLECULAR TESTING	EDTA Plasma	HCV RNA Viral load	Real Time PCR
292	MOLECULAR TESTING	EDTA Plasma	HCV viral load	Real Time PCR
293	MOLECULAR TESTING	EDTA Plasma	HIV 1 RNA Quantitative	Real Time RT PCR - CBNAAT(Closed System)



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294	MOLECULAR TESTING	EDTA Plasma	HIV Viral load	Real time PCR
295	MOLECULAR TESTING	EDTA Whole blood (Direct method) or Isolated Genomic DNA of the patient sample	HLA B27	Microarray
296	MOLECULAR TESTING	EDTA whole blood	BCR-ABL Qualitative	Real Time PCR
297	MOLECULAR TESTING	EDTA whole blood	BCR-ABL Quantitative IS %	Real Time PCR
298	MOLECULAR TESTING	EDTA whole blood	Detection of the Alpha Thalassemia gene mutation for the -3.7kb deletion and the Alpha Thalassemia gene triplication	PCR
299	MOLECULAR TESTING	EDTA whole blood	Detection of Y chromosome microdeletion in the following loci: AZF 1 A Proximal, AZF 1 A Distal, AZF 2 A Proximal, AZF 2 A Distal, AZF 1 B Proximal, AZF 1 B Distal, AZF 2 B Proximal, AZF 2 B Distal, AZF 1 C Proximal, AZF 1 C Distal, AZF 2 C Proximal, AZF 2 C Distal	PCR
300	MOLECULAR TESTING	EDTA whole blood	Factor V Leiden gene mutation detection for the G1691A mutation	RT PCR



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301	MOLECULAR TESTING	EDTA whole blood	JAK 2 V 617F gene mutation detection	ARMS PCR
302	MOLECULAR TESTING	EDTA whole blood	Leukemia Panel	Real Time PCR
303	MOLECULAR TESTING	EDTA whole blood	MTHFR I Polymorphism detection for the C677T polymorphism	Real Time PCR
304	MOLECULAR TESTING	EDTA whole blood	MTHFR II Polymorphism detection for the A1298C polymorphism	Real Time PCR
305	MOLECULAR TESTING	EDTA whole blood	MyD88 Mutation	Allele specific PCR
306	MOLECULAR TESTING	EDTA whole blood	Prothrombin gene mutation detection for the G20210A mutation	Real Time PCR
307	MOLECULAR TESTING	Nasal/ throat/nasopharyngeal swabs	Detection of Influenza A,B/H1N1	Multiplex RT PCR
308	MOLECULAR TESTING	Nasopharyngeal swab / oropharyngeal swab in VTM/ ET secretions / BAL in VTM	SARS-CoV-2 RNA Qualitative	Real Time RT PCR (Open System)
309	MOLECULAR TESTING	Respiratory tract samples, Pus, Tissue, Urine, CSF, Body fluids, Positive for AFB samples, Culture positive isolates	MTB complex detection and Rifampicin Resistant/ Sensitive	CBNAAT(PCR)



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310	MOLECULAR TESTING	Respiratory tract samples, Pus, Tissue, Urine, CSF, Body fluids, Positive for AFB samples, Culture positive isolates, FFPE	MTB complex detection and gyrA,gyrB,rrs,eis gene specific detection.	Line probe assay for MTB Second Line Drugs
311	MOLECULAR TESTING	Respiratory tract samples, Pus, Tissue, Urine, CSF, Body fluids, Positive for AFB samples, Culture positive isolates, FFPE	MTB complex detection and rpoB + KatG +InhA gene detection	Line probe Assay for MTB First line drugs