

S.No	Test Name	Specimen Type	Methodology	TAT
1	HEPATITIS C VIRUS GENOTYPING	Serum	Real-Time PCR	1 day
2	FUNGAL ANTIBIOGRAM	Culture Isolate	Conventional culture	7 days
3	Japanese encephalitis virus (JEV) Qualitative PCR	Plasma,Cerebrospinal fluid (CSF)	Qualitative RT-PCR	1 day
4	HPV Screening Panel	Cervical Mucus,Cervical Cells,FFPE,Plasma	Qualitative RT-PCR	1 day
5	Flu - RSV Panel	Nasopharyngeal and Oropharyngeal Swab,Nasopharyngeal swab	Multiplex PCR	1 day
6	Respiratory viral pathogen panel	Nasopharyngeal and Oropharyngeal Swab,ET-secretions,Broncho Alveolar Lavage (BAL)	Multiplex PCR	1 day
7	Whole Genome Sequencing of Non-Tuberculous Mycobacteria (NTM)	Culture Isolate	Next Generation Sequencing (NGS)	14 days
8	Febrile Neutropenia Panel	Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	1 day
9	Comprehensive Transplant panel	Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	1 day
10	Sepsis- AMR Panel	ET-secretions,Bronchial Wash,Broncho Alveolar Lavage (BAL),Tracheal Aspirate,Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	1 day
11	Pan Candida/Aspergillus RT-PCR	Bronchial Wash,Peripheral Blood in EDTA (Purple Top),Broncho Alveolar Lavage (BAL),Buccal Swab,Buccal mucosa	Qualitative RT-PCR	1 day
12	[Combo] Pan-bacterial PCR and Pan-fungal PCR	Cerebrospinal fluid (CSF),Ocular Fluid,Plasma	Combo test	1 day
13	Parvovirus Quantitative PCR	Plasma,Peripheral Blood in EDTA (Purple Top),Amniotic fluid (AF)	Quantitative RT-qPCR	1 day
14	Respiratory panel + Pneumocystis jirovecii combo Qualitative PCR	Broncho Alveolar Lavage (BAL),Sputum,ET-secretions,Endotracheal Aspirate	Multiplex PCR	1 day
15	Pneumocystis jirovecii Qualitative PCR	Endotracheal Aspirate,Broncho Alveolar Lavage (BAL),Sputum,ET-secretions	Qualitative RT-PCR	1 day
16	Post Transplant viral Panel	Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	1 day
17	VZV Qualitative PCR	Peripheral Blood in EDTA (Purple Top)	Qualitative RT-PCR	1 day
18	JC/BK Qualitative PCR	Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	1 day
19	JC/BK Quantitative PCR	Peripheral Blood in EDTA (Purple Top)	Quantitative RT-qPCR	1 day
20	EBV Quantitative PCR	Peripheral Blood in EDTA (Purple Top)	Quantitative RT-qPCR	1 day
21	EBV Qualitative PCR	Peripheral Blood in EDTA (Purple Top)	Qualitative RT-PCR	1 day
22	CMV Quantitative PCR	Urine,Tissue,Peripheral Blood in EDTA (Purple Top),FFPE	Quantitative RT-qPCR	1 day
23	Mini Transplant Panel	Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	1 day

24	COVID Flu Panel	Broncho Alveolar Lavage (BAL),Nasopharyngeal and Oropharyngeal Swab	Multiplex PCR	1 day
25	Meningoencephalitis Panel	Cerebrospinal fluid (CSF)	Multiplex PCR	1 day
26	Flu panel	Nasopharyngeal swab,Nasopharyngeal and Oropharyngeal Swab	Multiplex PCR	1 day
27	ITS1 metagenomics test for fungus	Urine,Plasma,Peripheral Blood in EDTA (Purple Top),Ocular Fluid,Cerebrospinal fluid (CSF)	Next Generation Sequencing (NGS)	14 days
28	16S-V3V4 metagenomics test for bacteria	Plasma,Cerebrospinal fluid (CSF),Ocular Fluid,Peripheral Blood in EDTA (Purple Top),Tissue	Next Generation Sequencing (NGS)	14 days
29	Whole Genome Metagenome Sequencing	Cerebrospinal fluid (CSF),Broncho Alveolar Lavage (BAL),Pus,DIRECT DNA,Pericardial fluid,Tissue,Peripheral Blood in EDTA (Purple Top),Urine,Synovial Fluid,Bone	Next Generation Sequencing (NGS)	7 days
30	COVID-19 Omicron RT-PCR test	Nasopharyngeal and Oropharyngeal Swab	Qualitative RT-PCR	1 day
31	HIV genotyping and drug resistance test (RT, PR and INT genes)	Peripheral Blood in EDTA (Purple Top)	Next Generation Sequencing (NGS)	10 days
32	Prosthetic Joint Panel (Bacteria and Fungi)	Body Fluid,Peripheral Blood in EDTA (Purple Top),Pus,Prosthetic Joint Fluid	Multiplex PCR	2 days
33	Prosthetic joint panel (Bacteria)	Prosthetic Joint Fluid,Body Fluid,Pus	Multiplex PCR	2 days
34	Pan-fungal PCR	ET-secretions,Tissue,Skin Tissue,Ocular Fluid,Broncho Alveolar Lavage (BAL),Body Fluid,Peripheral Blood in EDTA (Purple Top)	Polymerase Chain Reaction (PCR)	1 day
35	Pan-bacterial PCR	Aqueous Fluid,Vitreous Fluid,Body Fluid,Peripheral Blood in EDTA (Purple Top),Cerebrospinal fluid (CSF)	Qualitative RT-PCR	1 day
36	Chikungunya and Dengue PCR	Peripheral Blood in EDTA (Purple Top)	Qualitative RT-PCR	1 day
37	HSV 1 and 2 by PCR	Vitreous Fluid,Peripheral Blood in EDTA (Purple Top),Skin Tissue,Aqueous Fluid,Skin Swab,Genital Swab,Corneal Button,Normal Tissue,Corneal Scraping	Qualitative RT-PCR	1 day
38	CMV Qualitative PCR	FFPE,Tissue,Peripheral Blood in EDTA (Purple Top),Urine	Qualitative RT-PCR	1 day
39	Pan Viral Neuro panel	Peripheral Blood in EDTA (Purple Top)	Multiplex PCR	2 days
40	Respiratory Pathogen Panel	Endotracheal Aspirate,Broncho Alveolar Lavage (BAL),Sputum,Nasal Swab	Multiplex PCR	2 days

41	Mtb/NTM PCR	Cerebrospinal fluid (CSF), Sputum, Tissue, Bronchial Wash, Broncho Alveolar Lavage (BAL)	Multiplex PCR	1 day
42	HCV Qualitative PCR	Peripheral Blood in EDTA (Purple Top)	Qualitative RT-PCR	1 day
43	HIV genotyping and drug resistance test (RT and PR gene)	Peripheral Blood in EDTA (Purple Top)	Next Generation Sequencing (NGS)	10 days
44	TORCH panel	Amniotic fluid (AF)	Multiplex PCR	2 days
45	Tropical Fever Panel	Plasma, Peripheral Blood in EDTA (Purple Top), Cerebrospinal fluid (CSF), Urine	Multiplex PCR	2 days
46	Prosthetic Joint panel - Comprehensive	Prosthetic Joint Fluid, Body Fluid, Pus	Multiplex PCR	2 days
47	Fungal ID ITS1 sequencing	DIRECT DNA, Culture Isolate	Next Generation Sequencing (NGS)	4 days
48	Bacterial ID-16S rDNA sequencing	Culture Isolate, DIRECT DNA	Sanger Sequencing	4 days
49	Parvovirus B19 Qualitative PCR	Peripheral Blood in EDTA (Purple Top)	Qualitative RT-PCR	1 day
50	Gastrointestinal Pathogen Panel	Stool	Multiplex PCR	2 days
51	HCV RT PCR (Quantitative)	Peripheral Blood in EDTA (Purple Top)	Quantitative RT-qPCR	1 day
52	COVID-19 (SARS-CoV2) RT-PCR test	Nasopharyngeal and Oropharyngeal Swab	Qualitative RT-PCR	1 day
53	Whole Genome Sequencing of MTB (Shotgun) without DNA extraction	DIRECT DNA	Next Generation Sequencing (NGS)	14 days
54	Whole Genome Sequencing of MTB (SPIT SEQ) without DNA extraction	DIRECT DNA	Next Generation Sequencing (NGS)	14 days
55	Whole Genome Sequencing of MTB (SPIT SEQ) with DNA extraction	Broncho Alveolar Lavage (BAL), Tissue, Sputum, Endotracheal Aspirate, Cerebrospinal fluid (CSF), Pus	Next Generation Sequencing (NGS)	14 days
56	Whole Genome Sequencing of MTB (Shotgun) with DNA extraction	Culture Isolate	Next Generation Sequencing (NGS)	14 days