

**Sequence's Range of Molecular Diagnostic Tests
w.e.f. June 1st, 2012**

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
1	Sequence HIV-1 Qualitative	Real Time RT-PCR	Whole blood, serum, Tears, Semen	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
2	Sequence HIV-1 Quantitative	Real Time RT-PCR	Whole blood, serum, Tears, Semen	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
3	Sequence HBV (DNA Detection) Qualitative	Real Time PCR	Whole Blood, Serum, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
4	Sequence HBV (Viral Load) Quantitative	Real Time PCR	Whole Blood, Serum, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
5	Sequence HCV (RNA Detection) Qualitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, Tissue	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
6	Sequence HCV (Viral Load) Quantitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, Tissue	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
7	Sequence HCV Genotyping 1/2/3/4	Real Time RT-PCR	Whole Blood, Serum, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
8	Sequence MTb Complex Qualitative	Real Time PCR	C.S.F., Pleural fluid, Synovial fluid, Sputum, Pus, tissue, bronchial lavage, urine, endometrial, Culture Cells, biopsy, Fine Needle Aspirations, ascites.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
9	Sequence MTb Complex Quantitative	Real Time PCR	C.S.F., Pleural fluid, Synovial fluid, Sputum, Pus, tissue, bronchial lavage, urine, endometrium, Culture Cells,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours

Sequence's Range of Molecular Diagnostic Tests

S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
			biopsy, Fine Needle Aspirations, ascites.			
10	Sequence MTb Complex/MOTT Qualitative	Real Time PCR	C.S.F., Plueral fluid, Synovial fluid, Sputum, Pus, tissue, bronchial lavage, urine, endometrium, Culture Cells, biopsy, Fine Needle Aspirations, ascites.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
11	Sequence HEV (RNA Detection) Qualitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, Stool	4°C	WED,SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
12	Sequence HEV (Viral Load) Quantitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, Stool	4°C	WED,SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
13	Sequence HAV (RNA Detection) Qualitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, Stool	4°C	WED,SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
14	Sequence HAV (Viral Load) Quantitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, Stool	4°C	WED,SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
15	Sequence JEV (RNA Detection) Qualitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, C.S.F	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
16	Sequence JEV (Viral Load) Quantitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, C.S.F	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
17	Sequence Enterovirus (RNA Detection) Qualitative	Real Time RT-PCR	Whole Blood, Serum, Stool, C.S.F, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
18	Sequence Enterovirus (Viral Load) Quantitative	Real Time RT-PCR	Whole Blood, Serum, Stool, C.S.F, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
19	Sequence Dengue (RNA Detection) Qualitative	Real Time RT-PCR	Whole Blood, Serum, Plasma C.S.F	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
20	Sequence Dengue(viral load) Quantitative	Real Time RT-PCR	Whole Blood, Serum, Plasma, C.S.F	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
21	Sequence HSV 1 & 2	Real Time	Whole Blood, Serum, Plasma,	4°C	Every Day	3rd Working Day

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
	(DNA Detection) Qualitative	PCR	C.S.F, Genital swabs			Email:-36 hours. On phone: 24 hours
22	Sequence HSV 1 & 2 (viral load) Quantitative	Real Time PCR	Whole Blood, Serum, Plasma, C.S.F, Genital swabs	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
23	Sequence CMV (DNA Detection) Qualitative	Real Time PCR	Serum, plasma, whole blood, Biopsies	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
24	Sequence CMV (Viral load) Quantitative	Real Time PCR	Serum, plasma, whole blood, Biopsies	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
25	Sequence Hanta Virus(RNA Detection) Qualitative	Real Time RT-PCR	Bronchial swabs & Bronchial lavage (In case of HPS), Whole Blood or serum or plasma or C.S.F. (during the Viremia phase) Urine in case of HFRS etc.	4°C	MON, WED, SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
26	Sequence Hanta Virus (Viral Load) Qualitative	Real Time RT-PCR	Bronchial swabs & Bronchial lavage (In case of HPS), Whole Blood or serum or plasma or C.S.F. (during the Viremia phase) Urine in case of HFRS etc.	4°C	MON, WED, SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
27	Sequence Chocolo Virus Qualitative	Real Time RT-PCR	Bronchial swabs & Bronchial lavage (In case of HPS), Whole Blood or serum or plasma or C.S.F. (during the Viremia phase) Urine in case of HFRS etc.	4°C	MON, WED, SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
28	Sequence Chocolo Virus Quantitative	Real Time RT-PCR	Bronchial swabs & Bronchial lavage (In case of HPS), Whole Blood or serum or plasma or C.S.F. (during the Viremia phase) Urine in case of HFRS etc.	4°C	MON, WED, SAT	3rd Working Day Email:-36 hours. On phone: 24 hours
29	Sequence Measles virus (RNA Detection) Qualitative	Real Time RT-PCR	Serum, plasma, whole blood, urine, C.S.F., Oral Swabs, Bronchial Swabs etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
30	Sequence Measles virus (Viral load) Quantitative	Real Time RT-PCR	Serum, plasma, whole blood, urine, C.S.F., Oral Swabs, Bronchial Swabs etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
31	Sequence West Nile Virus (RNA Detection) Qualitative	Real Time RT-PCR	Serum, plasma, whole blood C.S.F	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
32	Sequence West Nile Virus (Viral load) Quantitative	Real Time RT-PCR	Serum, plasma, whole blood C.S.F	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
33	Sequence H5N1(Bird flu)	Real Time RT-PCR	Serum, plasma, whole blood, Bronchial Swabs ,Bronchial Lavage	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
34	Sequence H5N1(Bird flu)	Real Time RT-PCR	Serum, plasma, whole blood, Bronchial Swabs ,Bronchial Lavage	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
35	Sequence Chikungunya (RNA Detection) Qualitative	Real Time RT-PCR	Serum, plasma, whole blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
36	Sequence Chikungunya (Viral Load) Quantitative	Real Time RT-PCR	Serum, plasma, whole blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
37	Sequence TTV (DNA) detection Qualitative	Real Time PCR	Serum, plasma, whole blood, saliva Semen & stool/rectal swab.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
38	Sequence TTV (Viral Load) Quantitative	Real Time PCR	Serum, plasma, whole blood, saliva Semen & stool/rectal swab.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
39	Sequence SARS (RNA Detection) Qualitative	Real Time RT-PCR	Bronchial Swabs, Bronchial Lavage	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
40	Sequence SARS (Viral load) Quantitative	Real Time RT-PCR	Bronchial Swabs, Bronchial Lavage	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
41	Sequence JC/BK Virus (DNA Detection) Qualitative	Real Time PCR	Whole blood, urine, serum, C.S.F, Biopsies	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
42	Sequence JC/BK (Viral load) Quantitative	Real Time PCR	Whole blood, urine, serum, C.S.F, Biopsies	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
43	Sequence EBV (DNA Detection)	Real Time PCR	Serum, Whole blood, Plasma Plural fluid.	4°C	Every Day	3rd Working Day Email:-36 hours.

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
	Qualitative					On phone: 24 hours
44	Sequence EBV (Viral load) Quantitative	Real Time PCR	Serum, Whole blood, Plasma Plural fluid	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
45	Sequence HHV 6 (DNA Detection) Qualitative	Real Time PCR	Saliva, Whole Blood, CSF, Lymph node, Biopsy	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
46	Sequence HHV 6 (Viral load) Quantitative	Real Time PCR	Saliva, Whole Blood, CSF, Lymph node, Biopsy	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
47	Sequence HHV 7(DNA Detection) Qualitative	Real Time PCR	Saliva, Skin Biopsy, Tissue, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
48	Sequence HHV 7 (Viral load) Quantitative	Real Time PCR	Saliva, Skin Biopsy, Tissue, Plasma	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
49	Sequence PP67 CMV (DNA Detection) Qualitative	Real Time PCR	Whole blood, urine. CSF, Bronchial Lavage.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
50	Sequence PP67 CMV (viral load) Quantitative	Real Time PCR	Whole blood, urine. CSF, Bronchial Lavage.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
51	Sequence RUBELLA(DNA Detection) Qualitative	Real Time RT-PCR	Whole blood, urine, CSF, Nasals Swab, Throat Swab	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
52	Sequence RUBELLA (Viral load) Quantitative	Real Time PCR	Whole blood, urine, CSF, Nasals Swab, Throat Swab	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
53	Sequence RABIES (DNA Detection) Qualitative	Real Time PCR	Saliva, Tissue, C.S.F. Conjunctiva swab	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
54	Sequence RABIES (Viral load) Qualitative	Real Time PCR	Saliva, Tissue, C.S.F. Conjunctiva swab	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
55	Sequence Swine flu Mexican H1N1 Influenza A Rnase	Real Time RT-PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
	P (Single Tube)Virus		throat or bronchial aspirate.			hours
56	Sequence H1N1 Qualitative Multiple tube format	Real Time RT- PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
57	Sequence H1N1 And influenza group A	Real Time RT-PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
58	Sequence Mexican H1N1, Influenza Group A and RNase P Multiple Tube	Real Time RT-PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
59	Sequence H1N1 ,Influenza Group A ,Influenza B With RNase P Multiple Tube	Real Time RT-PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
60	Sequence H1N1 And Influenza Group A Quantitative	Real Time RT-PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
61	Sequence H1N1 And Influenza Group A /B Quantitative	Real Time RT- PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
62	Sequence H3N2 And Influenza Group A Qualitative	Real Time RT- PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
63	Sequence H3N2 And Influenza Group A Quantitative	Real Time RT- PCR	Deep nostrils (nasal swab), nasopharynx (nasopharyngeal swab), nasopharyngeal aspirate, throat or bronchial aspirate.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
64	Sequence Chlamydia Pneumonia Qualitative	Real Time PCR	C.S.F, Bronchial Swabs, Bronchial lavage etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
65	Sequence Chlamydia Pneumonia Quantitative	Real Time PCR	C.S.F, Bronchial Swabs, Bronchial lavage etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
66	Sequence Streptococcus Pneumonia Qualitative	Real Time PCR	C.S.F, Bronchial Swabs, Bronchial lavage etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
67	Sequence		C.S.F, Bronchial Swabs,	4°C	Every Day	3rd Working Day

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
	Streptococcus Pneumonia Quantitative	Real Time PCR	Bronchial lavage etc.			Email:-36 hours. On phone: 24 hours
68	Sequence N. Meningitis Qualitative	Real Time PCR	Blood, nasopharyngeal secretions, nasopharyngeal swabs, C.S.F. Bronchial swabs, Bronchial lavage etc	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
69	Sequence N. Meningitis Quantitative	Real Time PCR	Blood, nasopharyngeal secretions, nasopharyngeal swabs, C.S.F. Bronchial swabs, Bronchial lavage etc	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
70	Sequence Influenza H. Qualitative	Real Time PCR	C.S.F, Bronchial Swabs, Bronchial lavage etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
71	Sequence Influenza H. Quantitative	Real Time PCR	C.S.F, Bronchial Swabs, Bronchial lavage etc.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
72	Sequence Leprosy Qualitative	Real Time PCR	Ear Droppings, Lesion curatings, Biopsy of Patches, Scraps of Nasals mucosa. urine	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
73	Sequence Leprosy Quantitative	Real Time PCR	Ear Droppings, Lesion curatings, Biopsy of Patches, Scraps of Nasals mucosa. urine	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
74	Sequence Helicobacter Pylori Qualitative	Real Time PCR	Gastric lavage, Biopsy	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
75	Sequence Helicobacter Pylori Quantitative	Real Time PCR	Gastric lavage, Biopsy	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
76	Sequence Scrub Typhus Qualitative	Real Time PCR	Serum, plasma, whole blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
77	Sequence Scrub Typhus Quantitative	Real Time PCR	Serum, plasma, whole blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
78	Sequence B. Pseudomali Qualitative	Real Time PCR	Serum, plasma, whole blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
79	Sequence B. Pseudomalle Quantitative	Real Time PCR	Serum, plasma, whole blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
80	Sequence Filaria Qualitative	Real Time PCR	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
81	Sequence Filaria Quantitative	Real Time PCR	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
82	Sequence Leptospira (Pathogenic) Qualitative	Real Time PCR	Serum, plasma, whole blood, Urine	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
83	Sequence Leptospira (Pathogenic) Quantitative	Real Time PCR	Serum, plasma, whole blood, Urine	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
84	Sequence Mycoplasma Pneumonia Qualitative	Real Time PCR	Bronchoalveolar lavage fluids and throat swabs Endo cervical swab, Blood, Urine, CSF, Serum, Plasma.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
85	Sequence Mycoplasma Pneumonia Quantitative	Real Time PCR	Bronchoalveolar lavage fluids and throat swabs Endo cervical swab, Blood, Urine, CSF, Serum, Plasma.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
86	Sequence Mycoplasma Species Qualitative	Real Time PCR	Bronchoalveolar lavage fluids and throat swabs Endo cervical swab, Blood, Urine, CSF, Serum, Plasma.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
87	Sequence Mycoplasma Species Quantitative	Real Time PCR	Bronchoalveolar lavage fluids and throat swabs Endo cervical swab, Blood, Urine, CSF, Serum, Plasma.	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
88	Sequence Enterococcus Faecalis Qualitative	Real Time RT-PCR	orthodontic Root canals of necrotic teeth, rectal swabs, Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
89	Sequence Enterococcus Faecalis Quantitative	Real Time RT-PCR	orthodontic Root canals of necrotic teeth, rectal swabs, Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
90	Sequence Klebsiella Pneumonia Qualitative	Real Time PCR	Oral/Rectal Swab, necropsy samples	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours

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S. No.	Test Name	Method	Specimen Requirement	Temp	Sample In	Report Out By
91	Sequence Klebsiella Pneumonia Qualitative	Real Time PCR	Oral/Rectal Swab, necropsy samples	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
92	Sequence Listeria Monocytogenes Qualitative	Real Time PCR	Synovial Fluid, CSF, serum, mail, Animal meat, Amniotic Fluid, Faecal Blood, rectal swab	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
93	Sequence Listeria Monocytogenes Quantitative	Real Time PCR	Synovial Fluid, CSF, serum, mail, Animal meat, Amniotic Fluid, Faecal Blood, rectal swab	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
94	Sequence Pseudomonas Aeruginosa Qualitative	Real Time PCR	Sputum, Throat Swab, In cystic Fibrosis, Water Sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
95	Sequence Pseudomonas Aeruginosa Quantitative	Real Time PCR	Sputum, Throat Swab, In cystic Fibrosis, Water Sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
96	Sequence Staph Aureus Qualitative	Real Time PCR	CSF, whole blood, milk, Throat Swabs, Nasal Swabs, Tissue Biopsies	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
97	Sequence Staph Aureus Quantitative	Real Time PCR	CSF, whole blood, milk, Throat swabs, Nasal Swabs, Tissue Biopsies	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
98	Sequence Proteus Vulgaris Qualitative	Real Time PCR	Whole Blood, Urine,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
99	Sequence Proteus Vulgaris Quantitative	Real Time PCR	Whole blood, Urine	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
100	Sequence Streptococcus Mutans Qualitative	Real Time PCR	Saliva, Dental Plaque	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
101	Sequence Streptococcus Mutans Quantitative	Real Time PCR	Saliva, Dental Plaque	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
102	Sequence Malaria (P. Vivax) Qualitative	Real Time PCR	Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
103	Sequence	Real Time	Whole Blood	4°C	Every Day	3rd Working Day

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	Malaria (P. Vivax) Quantitative	PCR				Email:-36 hours. On phone: 24 hours
104	Sequence Malaria (P.Falciparum) Qualitative	Real Time PCR	Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
105	Sequence Malaria (P.Falciparum) Quantitative	Real Time PCR	Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
106	Sequence Salmonella Typhi Qualitative	Real Time PCR	Whole Blood, rectal swabs, food samples, water sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
107	Sequence Salmonella Typhi Quantitative	Real Time PCR	Whole Blood, rectal swabs, food samples, water sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
108	Sequence Shigella Dysentrica Qualitative	Real Time PCR	Whole Blood, rectal swabs, food samples, water sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
109	Sequence Shigella Dysentrica Quantitative	Real Time PCR	Whole Blood, rectal swabs, food samples, water sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
110	Sequence Pan Enteric Qualitative	Real Time PCR	Whole Blood, rectal swabs, food samples, water sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
111	Sequence Pan Enteric Quantitative	Real Time PCR	Whole Blood, rectal swabs, food samples, water sample	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
112	Sequence Vibrio Cholerae For Detection & Differentiation of 01,Non 01,0139&Ctx Gene Qualitative	Real Time PCR	Water Sample, Stool, Culture	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
113	Sequence Vibrio Cholerae For Detection & Differentiation of 01,Non 01,0139&Ctx Gene Quantitative	Real Time PCR	Water Sample, Stool, Culture	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
114	Sequence Malassezia Species	Real Time PCR	skin lesions (erosive, erythematous, and lichenoid) on	4°C	Every Day	3rd Working Day Email:-36 hours.

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	Qualitative		the scalps, backs, and napes of AD patients Fungal Sample			On phone: 24 hours
115	Sequence Malassezia Species Quantitative	Real Time RT-PCR	skin lesions (erosive, erythematous, and lichenoid) on the scalps, backs, and napes of AD patients	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
116	Sequence Bcr/abl Major Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells, Bone marrow aspirations,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
117	Sequence Bcr/abl Minor Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells, Bone marrow aspirations,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
118	Sequence PML/RARA Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells, Bone marrow aspirations,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
119	Sequence RARA/PML Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells, Bone marrow aspirations,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
120	Sequence GAPDH Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
121	Sequence β -Actin Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
122	Sequence β -Globin Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
123	Sequence abl Gene Quantitative	Real Time RT-PCR	Whole Blood, Culture Cells	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
124	Sequence CCL3-L1 Quantitative	Real Time RT-PCR	Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
125	Sequence Factor V Leiden Detection	Real Time RT-PCR	Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
126	Sequence Her-2 neu DNA Detection And	Real Time PCR	Whole Blood, Frozen And Formalin Fixed, Paraffin	4°C	Every Day	3rd Working Day Email:-36 hours.

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	Quantification		embedded. Benignant tissue			On phone: 24 hours
127	Sequence CML MRD1 Quantitative	Real Time RT-PCR	Whole Blood	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
128	Sequence h-TERT Quantitative	Real Time PCR	Bone marrow aspirations, Pancreatic tissue, Ex vivo Pancreatic Ducts Brushing, Pancreatic Juice, urine	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
129	Sequence IFN-γ Quantitative	Real Time RT-PCR	Whole Blood, Pleural fluid	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
130	Sequence TNF α Quantitative	Real Time PCR	CSF, Whole Blood, Serum	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours
131	Sequence Jak-2 Mutation Detection	Real Time PCR	Peripheral Whole Blood,	4°C	Every Day	3rd Working Day Email:-36 hours. On phone: 24 hours

GENERAL CONSIDERATION / TERMS AND CONDITIONS

- Temperature of the Specimen needs to be maintained at 4°C temp.
- Temperature at which Specimen should be stored and transported can be maintained for storage by keeping the specimen in the middle shelf of a refrigerator and can be maintained during transportation by transporting the specimen in special cold transportation boxes with gel packs. Available ***From Sequence Referral Laboratories.***
- The reported results are for the referring Doctor and may be correlated to clinical Diagnosis.
- Cut-OFF time is the time Specimen Sample reaches the ***Sequence Referral Laboratories.***
- In case of insufficient quantity or poor quality of a specimen test will not be performed.
- In Such cases it is expected that fresh specimen is sent for reporting of the same parameter.

- **Safety precaution**
 - Technician / phlebotomist should wear gloves and apron for their safety while collecting Specimen.
 - Needles should be destroyed in needles cutter after drawing blood samples.

- **Packing Specimen-**
 - Courier services requires Specimen packaging to include the following
 - 1-Water tight specimen Vials or plastic container and vacutainers.
 - 2-Thermocol / Styrofoam Vial container preferably Secured With Tape.

Note – Reports can be downloaded from our website with the help of unique I.D. only within 15 days from the submission of the samples.

Sequence's Range of Molecular Diagnostic Tests

- 3-Plastic Bag/Zip bags with Slot for Requisition form.
- 4-Sequence Referral laboratory Test Requisition form should be completely filled before Dispatch.
- 5- Sequence Referral laboratory Test requisition form should be folded in a way so that the patient name appears on the outer side and insert the TRF in the outside pouch of the plastic bags.
- 6- The samples are to be transported in the cold transportation box with gel pack provided by Sequence referral laboratories.

Note-

Results are reported as per the Day / time mentioned in the test catalog. In case of Unanticipated circumstances, Sequence Referral laboratory will make all the efforts to cut Down the delay in reports.

Sequence Referral Laboratories Provides Test requisition form for your convenience.

Please call Customer care to Set up a Contract Sequence Referral Laboratory test requisition form May also be download from website www.sequencereferral.com/www.sequencereferral.net

Help line Numbers-8826099960, 62, and 63.

REJECTION CRITERIA FOR SAMPLES-

Specimen may be rejected in the following situations-

1-Mismatched Specimens and / or requisition-

Processing personnel should contact appropriate location and give them an opportunity to correct the problem. If the processor is unable to contact, the submitter inform the SIC and ask for Resample.

2-Unlabeled specimen-

The submitter is notified and requested to identify the sample or to submit another specimen.

3-Incomplete Label-

All specimens must have the patients required details. Contact the collector to correct any problems.

4-Contaminated Specimen-

The concerned person should be informed and provided with the opportunity to submit new specimen.

5-Improper specimen container/ Temp for requested assay-

Technician will not be able to perform a test if the specimen is not in the acceptable container/transported at required temp.

6-Insufficiently quantity of Specimen submitted for the testing requested-

Contact the collector or the concerned person and have the blood redrawn.

7-Radioactive label specimen-

All biopsy samples labelled as radioactive should be rejected.

Note – Reports can be downloaded from our website with the help of unique I.D. only within 15 days from the submission of the samples.