



SPL SYNERGY PATH LAB

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Directory of services

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SNO	TESTNAME	SAMPLE	VIAL	ADDITIVE	METHOD	TAT	STABILITY/ STORAGE
1	17OHP (IH)	2ml Serum	Red top	Clot activator	ELISA	12 hours	
2	24hrs. Protein (IH)	10ml Aliquot Of 24hours Urine. Record 24Hours Volume on container and Test Request	2-5ltr capacity container	Sterile container	Spectrophotometry	04 hours	RT - 2 hours R - 24 hours
3	24 Hrs urine albumin (IH)	10ml Aliquot Of 24 hours Urine. Record 24 hours Volume on Container and Test Request	2-5Ltr Capacity Container	Sterile container	Spectrophotometry	04 hours	RT - 2hours R - 24 hours
4	24 hrs urine calcium (IH)	10ml Aliquot Of 24hours Urine. Record 24hours Volume on Container and Test Request	2-5 ltr capacity container	Sterile container	Spectrophotometry	04 hours	RT - 2 hours R - 24 hours
5	24 HRS urine creatinine(IH)	10ml Aliquot Of 24 hours Urine. Record 24 hours volume on container and test Request	2-5ltr capacity container	Sterile container	Spectrophotometry	04 hours	RT - 2 hours R - 24 hours
6	24HRS urine Metanephrines (OS)	50 ml (10ml min.) Aliquot of 24-hour Urine. Collect Urine With Appropriate Volume of 50 % HCL To maintain PH Between 1–2. Do Not Use Concentrated HCL. Record 24 hour Volume on Test Request Form and Urine Container	2-5 ltr capacity container	Sterile container	HPLC-EC	5Days	RT - 8 hours R - 5 hours F - 30 days
7	24 HRS urine Micro albumin urine (IH)	10 ml Aliquot Of 24hours Urine. Record 24 hours volume on container and test Request	2-5 ltr capacity container	NA	Spectrophotometry	04 hours	RT - 2 hours R - 24 hours

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OS-OUT SOURCE

8	24 HRS urine nor-metanephrines (OS)	20 ml Urine Sample With 6 NH Cl	Sterilize Container	NA	HPLC	7 days	RT - 2 hours R - 24 hours
9	ABG (IH)	0.2 ml Arterial Blood	Heparinised Syringe	Heparin (1000IU/ml)	ISE	1 hours	Immediately.
10	ABPA panel (OS)	3ml (2ml min.) Serum	Red top	Clot activator	Immuno CAP,FEIA	2days	RT - 8 hours R - 1week
11	Absolute eosinophil count (IH)	2.0ml whole blood	Purple top tube	EDTA	Microscopy	4 hours	RT - 6 hours R - 24 hours
12	ACE level(OS)	2ml (1ml min.) Serum	Red top	Clot activator	FASPGG	2days	RT - 2 hours R - 1week F - 6months
13	Acetylcholine receptor (ACHR) binding AB (OS)	2ml(1ml min.)Serum	Red top	Clot activator	EIA	2days	RT - 8 hours R - 1 week F - 4 weeks
14	Acid phosphatase, total (OS)	2ml (0.5ml min.)Serum	Red top	Clot activator	Spectrophotometry	2days	RT- NA R - 1week F - 2weeks
15	ACTH (OS)	2ml (0.5ml min.) Plasma from 1 Pre-chilled EDTA	EDTA	EDTA	CLIA	2days	RT- NA R - NA F - 4weeks
16	ADA (any fluid) (IH)	1.0 ml Serum, Plasma, Body Fluid and CSF	Red top tube	Sterile container	Spectrophotometry	4 hours	RT - 2hours R - 2 days
17	Advance CBC (IH)	2ml EDTATOP	Purple top tube	EDTA	Cell counter & Microscopy	1HRS	RT - 6 hours R - 24 hours
18	AFB culture(OS)	Blood/Bone Marrow: Collect 8 ml (5ml min.) Blood/Bone marrow in Myco F/Lytic bottle available from LPL. Mix by Gentle Inversion 8 – 10 Times.	Lytic bottle	NA	Rapid Automated Fluorescent AFB Culture and Automated AFB Identification by PNB test	Report In terim:14days &4weeks Final: 6 weeks PNB test:10 Days After AFB Culture is Positive	RT - 2 hours R - 48 hours F - NA
19	AFB/ TB culture (MTB/Mott identification) (OS)	Endometrial Curetting in Two Separate containers : One in Normal Saline And one in 10% Formaldehyde	Sterile Container	NA	Histopathology, Fluorescent C/S & PCR	5 TH Day TB C/S 6Weeks	RT - 2 hours R - 48 hours F - NA

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20	Air culture (IH)	Air sample	Sterile TSB Agar plate	NA	Culture and sensitivity	48HOURS	NA
21	Albumin (IH)	0.5ml serum	Red top	Clot activator	Spectrophotometry	04 hour	RT - 2 hours R - 2 days
22	Albumin creatinine ratio (ACR) (IH)	10ml Urine	Sterile container	Sterile container	Spectrophotometry	04 hour	RT - 2 hours R - 24 hours
23	Aldosterone level (OS)	3mL (2.5mLmin.)Plasma from1 Lavender Top (EDTA) tube	Lavender top	EDTA	CLIA	5days	RT - 8 hours R - 5 days F - 4 weeks
24	Aldosterone/Renin ratio (OS)	3mL (2.5mL min.)Plasma from1 Lavender Top (EDTA) tube	Lavender top	EDTA	CLIA	5days	RT - NA R - NA F - 4 weeks
25	Alk. Phosphatase(IH)	0.5ml serum	Red top	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
26	Allergy 107 allergens, lia(OS)	2mL (1m Lmin.) Serum from 1SST	Red top	Clot activator	Line Immunoassay(LIA)/ Parallel lines array(PLA)multiplex biochip technology	2DAYS	RT - 8 hours R - 1 weeks F - 4 weeks
27	Allergy comprehensive panel(OS)	4mL (2mL min.) Serum from 1SST	Red top	Clot activator	Immuno CAP,FEIA	4-5 DAYS	RT - 8 hours R - 1 weeks F - 2 weeks
28	Alpha fetoprotein (IH)	2mL (1mL min.) Serum from1 SST	Red top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
29	AMH(IH)	2mL (1mL min.) Serum from1 SST	Red top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days

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30	Amino acids qualitative, plasma (OS)	2mL (1mLmin.)Plasma from 1GreenTop(Sodium Heparin) tube	Green top	Sodium Heparin	Thin Layer Chromatography, One dimensional	5days	RT - 6 hours R - 48 hours F - 2 weeks
31	Ammonia(IH)	2ml	Purple top tube	EDTA	Spectrophotometry	2 hours	immediately
32	Amylase(IH)	0.5ml serum	Red top	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
33	ANA (IH)	2mL (1mL min.) Serum from1 SST	Red top	Clot activator	ELISA	24HRS	RT - 2 hours R - 2 days
34	ANA(ANF/HEP2)(OS)	2mL (1mL min.)Serum from1SST	Red top	Clot activator	IFA(Hep-2Substrate)	2days	RT - 6 hours R - 1 weeks F - 2 weeks
35	ANA Profile(OS)	3mL (1mL min.) Serum from 1 SST	Red top	Clot activator	IFA/immunobot	3days	R
36	ANCA(OS)	2mL (1mLmin.)Serum from1SST	Red top	Clot activator	IFA	2days	RT - 6 hours R - 1 weeks F - 2 weeks
37	ANCA-PR3,EIA(OS)	2mL (1mLmin.)Serum from 1SST	Redtop	Clot activator	EIA	5days	RT - 6 hours R - 72 hours F - 2 weeks
38	ANCA-MPO,EIA(OS)	2mL (1mLmin.)Serum from 1SST	Red top	Clot activator	EIA	5days	RT - 6 hours R - 72 hours F - 2 weeks
39	Androstenedione(OS)	SST For each timed specimen. Draw fasting Baseline sample. Overnight fasting ismandatory;administer250ug	Red top	Clot activator	CLIA	5days	RT - NA R - 24hours F - 2 months
40	APLA Profile (lupus,cardiolipin,phospholipid) (OS)	2ml (1mlmin.) Serum from 1SSTand 3mL Whole blood in 1 Blue Top tube	Blue top	(Sodium Citrate)	Electro mechanical Clot Detection, EIA	7days	Transport to Lab within 4hours.

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							If this is not possible, make PPP within 1 hour of collection
41	ANTICCP(OS)	2 ml (1 ml min.) Serum from 1 SST	Red top	Clot activator	CMIA	2days	RT - 2 hours R - 48 hours F - 1 weeks
42	ANTIDSDNA(OS)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	Enzyme Immunoassay	2DAYS	RT - 6 hours R - 72 hours F - 2 weeks
43	ANTIDSDNAIFA (OS)	2ml (1ml min.) Serum from 1 SS	Red top	Clot activator	IFA	2DAYS	RT - 6 hours R - 72 hours F - 2 weeks
44	Gliadin deamidated antibodies Panel, IGA&IGG (OS)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	EIA	10 Days	RT - 8 hours R - 48 hours F - 4 weeks
45	Anti HBs antibodies(IH)	2mL (1mL min.) Serum from 1 SST	Red top	Clot activator	Immunochromatography	4 hrs	RT - 2 hours R - 2 days
46	Anti HCV antibodies(IH)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	Immunochromatography	4hrs	RT - 2 hours R - 2 days
48	Anti HIV 1&2 antibodies(IH)	2ml (1mL min.) Serum from 1 SST	Red top	Clot activator	Immunochromatography	4hrs	RT - 2 hours R - 2 days
49	Anti LKM(OS)	2 ml (1 ml min.) Serum from 1 SST.	Red top	Clot activator	IFA	5DAYS	RT - 6 hours R - 1 weeks F - 4 weeks
50	Anti NMO panel, serum(OS)	2ml (0.5ml min.) serum from 1 SST	Red top	Clot activator	Cell based assay, IFA	5days	RT - 6 hours R - 1 weeks

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							F - 2 weeks
51	Anti RO ,anti LA (OS)	2ml 0.5mlmin.)serum from1 SST	Red top	Clot activator	IFA	5days	RT - 6 hours R - 1 weeks F - 2 weeks
52	Anti smooth muscle(OS)	2ml (1mlmin.)Serum from1SST	Red top	Clot activator	IFA	5days	RT - 6 hours R - 1 weeks F - 2 weeks
53	Anti streptolysin (OS)	0.5ml serum	Red top	Clot activator	Slide test	01hour	RT - 4 to 6 hours R - 2 days
54	ANTITG(OS)	2ml (1mLmin.)Serumfrom1SST	Red top	Clot activator	CLIA	2days	RT - 8 hours R - 48 hours F - 2 weeks
55	Anti thyroid peroxidase (ANTI-TPO)(IH)	2ml (1mlmin.)Serumfrom1SST	Red top	Clot activator	ELFA	4 hrs	RT - 2 hours R - 2 days
56	SM(SMITH)ANTIBODYIGG(OS)	2 ml (1 ml min.)serum from1SST	Red top	Clot activator	Enzyme Immunoassay	5days	RT - 6 hours R - 1 week F - 2 weeks
57	Antibody (IGG) Amoebiasis (OS)	2 ml (0.5ml min.) serum from 1 SST	Red top	Clot activator	Enzyme Immunoassay	3 days	RT- 8 hours R- 1 week F- 2 weeks
58	Antithrombin activity functional (OS)	3mLWholebloodin 1 Blue Top	SKYVIAL	(Sodium Citrate) tube	Chromogenic	5days	RT - 4 hours R - 4 hours F - 2 weeks
59	APCR (activated protein c Resistance)(OS)	3mLWholebloodin 1 Blue Top	SKYVIAL	(Sodium Citrate) tube	Electromechanical Clot Detection	5days	RT - 4 hours R - 4 hours F - 2 weeks

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60	Apolipo protein panel(OS)	2ml (1mlmin.)Serum from1SST	Red top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 1 week F - 2 weeks
61	APTT(IH)	1.8ml Blood	Blue top	Sodium citrate	Manual tube method	02hour	RT - 2 hours F - 12 hours
62	Fluid for amylase (IH)	10ml	Sterile Container	Nil	Spectrophotometry	04 hours	R - 48 hours
63	Fluid for albumin IH	10ml	Sterile Container	Nil	Spectrophotometry	04 hours	R - 48 hours
64	Fluid for LDH(IH)	10ml	Sterile Container	Nil	Spectrophotometry	04 hours	R - 48 hours
65	Fluid for routine biochemistry and cytology(IH)	10ml	Sterile Container	Nil	Spectrophotometry& Microscopy	24 hrs	R - 48 hours
66	ASO semi quantitative(IH)	2.0ml Serum	Red Top	Clot activator	Slide Method	04 hour	RT - 6 hours R - 2 days
67	Autoimmune hepatitis Panel(OS)	3ml (2mlmin.) Serum from1SST	Red top	Clot activator	IFA	5days	RT - 6 hours R - 1 weeks F - 4 weeks
68	B J protein (IH)	10ml Urine	Sterile Container	Nil	Heat method	04Hours	R - 24 hours
69	B2glycoprotienigg(OS)	2ml (1ml min.) Serum from1SST	Red top	Clot activator	EIA	5days	RT - 8 hours R - 48 hours F - 4 weeks

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70	B2 glyco protein IgM (OS)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	EIA	5days	RT - 8 hours R - 48 hours F - 4 weeks
71	Benzodiazepine(OS)	10ml (5ml min.) aliquot of random Urine	Sterile Container	NIL	Lateral Flow Immunoassay	5days	RT - 2 hours R - 48 hours F - 2 weeks
72	BETA 2 glycoprotein 1 Panel (OS)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	Enzyme Immunoassay	5days	RT - 8 hours R - 48 hours F - 4 weeks
73	BETA2 microglobulin(OS)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	CLIA	2days	RT - NA R - 48 hours F - 2 weeks
74	BETA D glucan assay CLIA (OS)	2ml (1ml min.) Serum from 1 Red Top (No additive) tube preferably Glucan free OR 2 ml (1 ml min.) BAL Fluid in a sterile screw capped container OR 1 mL (0.5 ml min.) CSF in a Sterile screw capped container	Red top (serum) / Sterile container (fluid)	Clot activator	CLIA	2days	RT - 2 hours R - 48 hours F - 2 weeks
75	BETA HCG(IH)	2ml (1ml min.) Serum from 1 SST	Red top	Clot activator	ECLIA	4HRS	RT - 6 hours R - 2 days
76	Bicarbonate and pH (IH)	0.2ml arterial blood	Heparinized syringe	Heparin	Direct ISE	1hr	Immediately
77	Bile pigment(IH)	10ml Urine	Sterilize container	Nil	Ehrlich	04 hour	RT - 2 hours R - 24 hours

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78	Bilirubin T&D(IH)	0.5MLserum	Red top	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
79	Bio7(screening test)(OS)	Capillary blood on filter paper	Filter paper	NA	TMS	5DAYS	FILTER PAPER AT ROOM TEMPERATURE FOR 24 HRS
80	Biological indicator(IH)	Biological indicator	NA	NA	NA	NA	NA
81	Biotinidase deficiency- Quantitative(OS)	2ml (1ml min.)Serum from 1SST OR 2 ml (1 ml min.) Plasma from 1Green Top (Sodium Heparin) tube	Red/EDTA/green top	-	Enzyme Assay	2DAYS	RT - NA R - 48 hours F - 4 weeks
82	Blood automated culture with Automated ID &AST (MIC) (IH)	5-10ml in both bile	Sterilize vial	Glucose Broth& Bile Broth	Streak Method	07days	NA
83	Blood c/s enteric & phylogenic (IH)	5-10ml in both bile	Sterilize vial	Glucose Broth& Bile Broth	Streak Method	07days	NA
84	Blood culture bac Talerts(IH)	5-10ml in both bile	Sterilize vial	Glucose Broth & Bile Broth	Streak Method	07days	NA
85	Blood for metanephrines free(OS)	4ml 2ml min.)Plasma from2Lavender top (EDTA) tubes. Overnight fasting is mandatory. Collect specimen with patient in supine position after minimum 30 minutes of rest. Immerse specimen immediately in ice water. Separate plasma within 30 minute	Purple tube	EDTA	LC-MS/MS	5days	RT - 6 hours R - 72 hours F - 3 months
87	Blood group(IH)	2.0ml anti coagulated blood	Purple top	EDTA	Slide Method	04hour	RT - 6 hours R - 24 hours
88	Blood group gel technology(OS)	2.0ml anti coagulated blood	Purple top	EDTA	Gel technology	01hour	RT - 2 hours R - 24 hours

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89	Blood ketones (IH)	1ml whole blood	Purple top	EDTA	Amperometric blood chemistry	4HRS	RT - 2 hours R - 24 hours
90	Blood sugar fasting(IH)	0.5ml serum	Gray top	Sodium fluoride	Spectrophotometry	04hour	RT - 1 hours R - 2 days
91	Blood sugar pp(IH)	0.5ml serum	Gray top	Sodium fluoride	Spectrophotometry	01hour	RT - 1 hours R - 2 days
92	Blood sugar random(IH)	0.5ml serum	Gray top	Sodium fluoride	Spectrophotometry	01hour	RT - 1 hours R - 2 days
93	Blood urea(IH)	0.5ml serum	Redtop tube	Clot activator	Spectrophotometry	01hour	RT - 6 hours R - 2 days
94	Body fluid for amylase(IH)	10ml	Sterile Container	Nil	Spectrophotometry	06hours	R - 48 hours
95	Body fluid for C/S(IH)	10ml	Sterile Container	Nil	Manual/automatic	48HRS	NA
96	Body fluids(and fluid) Culture with Automated ID &AST (MIC)(IH)	10ml	Sterile Container	Nil	Automated	48HRS	NA
97	Boh profile(TSH,ANA ,anticardio IgG IgM, lupus, Torch IgG IgM)(IH)	4ml (Serum from 1SST and 3ml Whole blood in 1Blue Top tube	Red or purple top	Clot activator /EDTA	CLIA, IFA, ELISA	5days	RT - 2 hours R - 48 hours F - 2 weeks
98	Bone marrow histo(IH)	Biopsy sample	N.B .Formalin	NBF	Microscopy	7DAYS	BLOCKS RETAINED FOR 10YRS
99	Bone marrow examination(IH)	Lavender Top	Lavender Top	EDTA	Microscopy of Leishman /Giemsa	01day	48hours in refrigerator

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100	Brucella ab IgM(OS)	2ml (1mlmin.)Serum from1SST	Red top	Clot activator	EIA	10 days	RT - 8 hours R - 48 hours F - 4 weeks
101	Brucella Ab IgG (OS)	2ml(1mlmin.) Serum from1SST	Red top	Clot activator	EIA	10Days	RT - 8 hours R - 48 hours F - 4 weeks
102	BTANDCT(IH)	Conducted on patient	NIL	NIL	Duke,LEE&WHITE	01hour	NA
103	BUN(IH)	0.5ml serum	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 6 hours R - 02 days
104	C3 Complement component(OS)	2ml (0.5mlmin.) serum from 1 SST	Red top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 1 week F - 2 week
105	C4 complement component(OS)	2ml (0.5mlmin.)serum from1 SST	Red top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 1 week F - 2 week
106	CA125(IH)	2ml (0.5ml min.)serum from1 SST	Red top	Clot activator	ELFA	4hrs	RT - 6 hours R - 2 days
107	CA153.3 (Cancerantigen15.3)(OS)	2ml (0.5ml min.)serum from1 SST	Red top	Clot activator	CMIA	2DAYS	RT - 8 hours R - 1 week F - 2 week
108	CA19.9(IH)	2ml (0.5ml min.) serumfrom1 SST	Red top	Clot activator	ELFA	2HRS	RT - 8 hours R - 1 week F - 2 weeks

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109	CA72.4(OS)	2mL (0.5ml min.) serum from 1 SST	Red top	Clot activator	CMIA	2DAYS	RT - 8 hours R - 1 week F - 2 weeks
110	Calcitonin(OS)	2ml (0.5ml min.) Serum	Redtop	Clot activator	CLIA	5Days	RT - NA R - NA F - 2 weeks
111	Calcium serum(IH)	0.5ml serum	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 6 hours R - 2 days
112	Calproectin-fecal(OS)	Submit 5g (2g min.) Stool in a clean dry container	Sterile Container	-	CLIA	Sample Monthrough Sat by 9am; Report 2DAYS	RT - 2 hours R - 6 days F - NA
113	Catheter tip C/S(IH)	Catheter tip	Sterile Container	NA	Manual Tube method	48HRS	NA
114	CBC(IH)	2.0ml blood	Lavender top tube	EDTA	Cell coulter and microscopy	04hour	RT - 6 hours R - 48 hours
115	CD19(OS)	Submit Tissue in 10% formal-saline OR formalin fixed paraffin embedded Tissue Block	Paraffin block	-	IHC	5days	RT - NA R - NA F - NA
116	CD4 counts(OS)	3ml (2ml min.) Whole blood in 1 Lavender Top(EDTA) tube and 3ml (2ml min.) Whole blood in 1 Green Top (Sodium Heparin) tube or 2ml (1 ml min.) Bone marrow in 1 Green Top(Sodium heparin) tube	purple/green top	EDTA/Heparin	Flow Cytometry	2days	RT - 24 hours R - NA F - NA

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117	CD8(OS)	Lavender Top(EDTA) tube and 3ml (2mlmin.)Whole blood in1Green Top (Sodium Heparin)tube or 2ml	purple/green top	EDTA/Heparin	Flow Cytometry	2days	RT - 24 hours R - NA F - NA
118	CEA (carcino embryonic antigen) (os)	2 ml (1 ml min.) Serumfrom1SST	Red top	Clot activator	CMIA	2DAYS	RT - 8 hours R - 1 week F - 2 weeks
119	Centerline tip culture(IH)	TIP	NA	NA	Manual	48hrs	NA
120	Ceruloplasmin(OS)	2ml (0.5mlmin.)serum from1 SST	Red top	Clot activator	Nephelometry	2DAYS	RT - 2 hours R - 72 hours F - 4 weeks
121	Cervical swab Culture(IH)	SWAB	NA	na	manual	4 8HRS	NA
123	Chikungunya IGM(IH)	2ml (0.5ml min.) Serum from1 SST	Red top	Clot activator	Rapid	4HR	RT - 6 hours R - 2 days
124	Chikungunya PCR (IH)	2ml (0.5ml min.) Serum from1 SST	Red top	Clot activator	PCR	3HRS	F- -70 degree Celsius 2 years
125	Chikungunya PCR & dengue RNA PCR	2ml (0.5ml min.) Serum from1 SST	Red top	Clot activator	PCR-CBNAAT	24HRS	RT - 6 hours R - 2 days
126	Chlamydiatrachomatis IgG antibody	3ml (1.5ml min.) Serum from1 SST	Red top	Clot activator	EIA	5days	RT - 2 hours R - 1 week F - 2 weeks
127	Chlorides, S (IH)	0.5ml serum	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
128	Cholesterol Serum(IH)	0.5ml serum	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days

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129	ChromograninA (OS)	2ml (0.5ml min.) plasma from 1Lavender Top (EDTA) tube	Purple tube	EDTA	TRACE	5days	RT - NA R - NA F - 2 weeks
130	Chromosome SNP microarray Baby shield(OS)	amniotic fluid 10ml, EDTA WB 3ml, DBS CARD-8SPOT, CVS-25MG, DNA-250ng	EDTA, STERILE CONTAINER, DBS	EDTA, sterile container, DBS	Microarray	8DAYS	RT - 48 hours
131	CK-MB(CPK-MB)MASS(OS)	2ml (1mlmin.) Serum from1SST	Red top tube	Clot activator	ECLIA	2DAYS	RT - 4 hours R - 8 hours F - 30 days
132	Clinical exome(OS)	EDTA WB-3ml, DBS-8SPOT, amniotic fluid-10ml, CVS-25MG, DNA-250ng, cord blood, PCR	Lavender, top, spot card, container,	EDTA	NGS	21DAYS	R - 48 hours
133	Clostridium difficiletoxin(OS)	5g(3gmin.) stool in a leak proof screw capped container	Sterile Container	-	PCR	5days	RT - NA R - 72 hours F - NA
134	Torch IGG (IH)	2ml (1ml min.) Serum from1 SST	Red top tube	Clot activator	ELISA	24hrs	RT - 2 hours R - 2 days
135	Torch IGM (IH)	2ml (1ml min.) Serum from1 SST	Red top tube	Clot activator	ELISA	24hrs	RT - 2 hours R - 2 days
136	CMV PCR qualitative in blood(OS)	10ml (5ml min.)Urine /Saliva in sterile screw capped container or 2 ml (1 ml min.) Plasma from 1Lavender top (EDTA) tube OR 2ml (1mLmin.) Serum from 1Red top (Noadditive)tubeOR2 mL (1 mL min.) CSF / BAL Fluid in a sterile screw capped	Sterile Container	-	Real time PCR	5days	RT - 2 hours R - 1 week F - 2 weeks
137	Complementc 3 level(OS)	2ml (0.5ml min.)serumfrom1SST	Redtop tube	Clot activator	Immunoturbidimetry	2DAYS	RT - 2 hours R - 1 week F - 2 week

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138	Coombs test(Indirect)(IH)	2ml (0.5ml min.)serumfrom1 SST	Red top tube	Clot activator	Manual Tube method	4hour	RT - 2 hours R - 48 hours
139	Coombs test direct gel technology	2.0mlEDTABlood	Lavender top tube	EDTA	Gel technology	24hrs	RT - 2 hours R - 48 hours
140	Coombs test indirect(TITRE)(OS)	2ml (0.5ml min.) serumfrom1 SST	Redtop tube	Clot Activator	Gel technology	24 hrs	RT - 2 hours R - 48 hours
141	Coombs test (Direct)(IH)	2.0mlEDTABlood	Lavender top tube	EDTA	Manual Tube method	04hour	RT - 2 hours R - 48 hours
142	Copper (OS)	3ml (1mlmin.)Serum from1 Royal Blue Top tube (Trace element serum) available from LPL. Ship refrigerated or frozen. Use powder less Gloves during specimen collection. If Barium containing contrast media Has been administered, the	Blue top	Trace element	ICPMS	5days	RT - 6 hours R - 1 week F - 2 weeks
143	Cortisol (IH)	2ml (0.5ml min.) Serum from1 SST	Red top tube	Clot activator	ELFA	4HRS	RT - 2 hours R - 48 hours
144	Covid-19rapidantigen(IH)	NOSE/THROATSWAB	VTM VIAL	CTM	Immunochromatography	4HRS	RT - 2 hours R - 48 hours
145	C-peptide(OS)	2ml (0.5ml min.) Serum from1 SST	Red top tube	Clot activator	CLIA	24hrs	RT - 8 hours R - 24 hours F - 2 weeks
146	CPK(IH)	2ml (0.5ml min.) serum from1 SST	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
147	CPK-MB(IH)	2ml (0.5ml min.) serum from1SST	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days

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148	C-reactive protein qualitative (CRP)	2ml(0.5ml min.) serum from1 SST	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
149	Creatinine serum	2ml(0.5mlmin.) serum from SST	Red top tube	Clot activator	Spectrophotometry	04hour	RT - 2 hours R - 2 days
150	Cryptococcus antigen (CSF, BAL ,urine)	10ml	Sterile Container	Nil	Immunochromatography	4HRS	RT - 2 hours R - 2 days
151	Customihc pane l(OS)	Tissue in formalin/Paraffin blocks, Unstained sections on coated slides	Biopsy container	-NA	IHC	7DAYS	15 TO 22degree Celsius
152	Ddimer (IH)	2ml sodium citrate	Sky blue vial	Sodium citrate	Spectrophotometry	4HRS	12HRS
153	Dengue (IH)	2ml (0.5ml min.) Serum from1 SST	Red top tube	Clot activator	Rapid card	4HR	RT - 2 hours R - 2 days
154	Dengue RN APCR (IH)	2ML SERUM/ EDTA WB/PLASMA	Lavender top, red top,	EDTA	PCR-CBNAAT	24HRS	F- -70 degree 2years
155	DHEAS (Dehydroepiandrosterone Sulfate.) IH	2ml (0.5ml min.) Serum from1 SST	Red top tube	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
156	Dihydrotestosterone (OS)	2ml (0.5ml min.) serum from1 SST	Red top tube	Clot activator	EIA	2DAYS	RT - 6 hours R - 1 week F - 2 weeks
157	DLC (IH)	2.0ml blood	Lavender top tube	EDTA	Cell coulter And microscopy	04hour	RT - 6 hours R - 24 hours
158	Down syndromefish(OS)	EDTA WB-3ML, DBS-8SPOT, amniotic FLUID-10ml, CVS-25MG, DNA-250ng, cord blood, poc, PLUERAL FLUID	Lavender, top, spot card, container,	EDTA	FISH	7DAYS	RT-
159	Drug abuse test(IH)	10 ml urine	Sterile container		Rapid card	4HRS	RT - 2 hours R - 2 days

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160	Dual marker(B/S)(OS)	3ml (2ml min.) Serum from1 SST	Red top tube	Clot activator	Delfia /Prisca	5 days	
161	E.T. SecretionC/S(IH)	2ml secretions format tube	Sterile container	NA	Manual	48 HRS	NA
162	E.T.T.TIPC/S (IH)	ETT TIP	Sterile container	NA	Manual	48 HRS	NA
163	ECG(IH)	PATIENT	NA	NA	NA	NA	NA
164	Echinococcus antibody igg(Hydatidserology) (OS)	2ml (1mlmin.) Serum from1SST	Red top tube	Clot activator	EIA	Sample Tue/Thu/ Satby9am;Report2 DAYS	RT - 6 hours R - 72 hours F - 2 weeks
165	Erythropoietin (OS)	2ml (0.5mlmin.) Serum from1 SST	Red top tube	Clot activator	CLIA	Sample Mon through Satby9am;Report2 DAYS	RT - 8 hours R - 1 week F - 2 months
166	ESR (IH)	1.6ml blood in Black Top vial	Black Top	3.6%sodiumcitrate	Westergren	04hours	NA
167	Estradiol (IH)	2ml (1ml min.)Serum from1 SST	Red top tube	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
168	Facter VIII assay(OS)	3ml Whole blood in1Blue Top (Sodium Citrate) tube. Mix thoroughly by inversion. Transport to Lab within 4 hours	Sky blue vial	Sodium Citrate	Electromechanical clot Detection	Sample Daily by 11am;Report2 DAYS	RT - 4 hours R - 4 hours F - 2 weeks
169	Factor IX (OS)	3ml Whole blood in1Blue Top (Sodium Citrate) tube. Mix thoroughly by inversion. Transport to Lab within 4 hours	Sky blue vial	Sodium Citrate	Photo-optical Clot Detection	Sample Wed / Sat by9am;ReportFri/ Tue	RT - 4 hours R - 4 hours F - 2 weeks
170	Factorv Leiden-mutation detection	3ml (2ml min.)Whole blood in1Lavender Top (EDTA) tube	Purple tube	EDTA	Real Time PCR	Sample Mon through Satby10am;Report 2DAYS	RT - 6 hours R - 72 hours F - NA
171	Factor VIII (LPL) (OS)	3ml Wholebloodin1BlueTop (Sodium Citrate) tube. Mix thoroughly by inversion. Transport	Sky blue vial	Sodium Citrate	Electromechanical Clot Detection	Sample Daily by11am;Report Same day	RT - 4 hours R - 4 hours F - 2 weeks

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		to Lab within 4 hours					
172	Factor XIII(clots olubility)qualitative	3mLWhole bloodin1BlueTop (Sodium Citrate) tube .Mix thoroughly by inversion	Sky blue vial	Sodium Citrate	Clot Dissolution with 5M Ure	Sample Daily by 1pm;ReportNext day	RT - 4 hours R - 4 hours F - 2 weeks
173	Ferritin (IH)	2ml (0.5ml min.) Serumfrom1 SST	Red top tube	Clot activator	ECLIA	2HRS	RT - 2 hours R - 2 days
174	Fibrinogen level(OS)	3ml Wholebloodin1BlueTop(So dium Citrate) tube	Sky blue vial	Sodium Citrate	Photo-optical Clot Detection	2DAYS	RT - 4 hours R - 4 hours F - 2 weeks
175	Filariaanti body panel ,serum (OS)	2ml (1ml min.)Serumfrom1SST	Redtop tube	Clot activator	ICT	Sample Daily by 1pm;Report2DAY S	RT - 8 hours R - 48 hours F - 1 weeks
176	Fluid for cellblock(IH)	10ml	Sterile Container	Nil	Manual	7DAYS	10YRS
177	Fluid for cholesterol (IH)	10ml	Sterile Container	Nil	Spectrophotometry	06hours	R - 48 hours
178	Fluid for malignant cells(IH)	10ml	Sterile Container	Nil	Microscopy	01day	R - 48 hours
179	Fluid for ph(IH)	10ml	Sterile Container	Nil	RAPID	01day	R - 48 hours
180	Fluid for triglycerides(IH)	10ml	Sterile Container	Nil	Spectrophotometry	06hours	R - 48 hours
181	FNAC(IH)	Aspirate Material from Breast/Superficial lumps/CT Or USG guided deep lumps. Smears on 4 glass And fix immediately in absolute alcoholfor30minutes.	NA	NA	Microscopy	01day	SLIDES FOR 5YRS

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182	Folic acid (OS)	2ml (1ml min.)Serumfrom1SST	Red top tube	Clot activator	CLIA	2DAYS	RT - 8 hours R - 48 hours F - 4 weeks
183	Food allergy panel (milk)(OS)	3ml (2ml min.)Serumfrom1SST	Red top tube	Clot activator	Immuno CAP Specific IgE	2DAYS	RT - 8 hours R - 1 week F - 2 weeks
184	Fractionated metanephric (OS)	50ml (10mlmin.)aliquot ofRandomUrine.Add50%H Cldropbydrop tob ring the pH between 1–2. Do not use concentrated HCl. Patient should strictly avoid Alpha-Methyldopa, Buspirone, Codeine ,Isoproterenol metabolite,	Sterile Container	NIL	HPLC-EC	Sample Wed / Sat by9am;ReportFri/ Tue	RT - 8 hours R - 5 days F - 30 days
185	Fragile X (FMR)mutation screen (OS)	4ml (2mlmin.)Whole blood in1Lavender top (EDTA) tube	Purple tube	EDTA	TP-PCR, Fragment analysis	SampleMonby9 am ;Report Fri	RT - 6 hours R - 1 week F - NA
186	FreeT3 (IH)	2ml (1mlmin.) Serumfrom1 SST	Redtop tube	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
187	FreeT4 (IH)	2ml (1mlmin.) Serumfrom1 SST	Redtop tube	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
188	Fructosamine(OS)	2ml serum	Red top vial	Clot activator	Spectrophotometry	3DAYS	RT - 8 hours R - 2 weeks F - 2 months
189	FSH (IH)	2ml (1mLmin.) Serumfrom1 SST	Red top tube	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
190	Fungal culture(IH)	Any fluid / tissue	Sterile container	Na	Manual	7DAYS	RT - 24 hours
191	G6pd qualitative(IH)	2.0ml EDTA blood	Lavender Top	EDTA	Qualitative Visual Method	24hours	RT - 2 hours R - 48 hours

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192	GAD65IGGLPL(OS)	2 ml (1 ml min.)Serum from1SST.	Red top tube	Clot activator	EIA	Sample Mon/Wed/ Friby9am;Report2 DAYS	RT - NA R - 2 weeks F - 2 weeks
193	Galactomannan-aspergillus Antigen(OS)	2ml (1ml min.) serum from1 SST	Red top tube	Clot activator	CLIA	2DAYS	RT - 8 hours R - 48 hours F - 2 weeks
194	Galactose1-phosphateoutsource	4ml (2mlLmin.) whole blood from1 Green Top (Sodium Heparin) tube. Immerse specimen immediately in ice water	Green top	Sodium Heparin	Fluorometry	Sample Daily by 4pm;Report5 days	RT - NA R - 48 hours F - NA
195	Galt assay geneticout source	Amniotic fluid/ chorionic villus sample/peripheral venous blood/ cord blood/ Extracted DNA/ Dry blood spot	Lavendor top	EDTA	Sanger Sequencing	10 days	RT-24 h hours
196	GCMS119condition(baby shield)	20 ml urine	urine	urine	Gas chromatography and mass spectrometry	1 week	R-3 days
197	GFR (Glomerular Filtration rate Estimated)outsource	2ml (1mlmin.) Serum from1SST	Red top tube Red top tube	Clot activator Clot activator	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
198	GGT(IH)	0.5ml Serum	Red Top	NIL	Spectrophotometry	04hours	RT - 2 hours R - 2 days
199	Glycosylatedhb(IH)	2.0ml Whole Blood	Lavender Top	EDTA	Spectrophotometry	4HRS	RT - 2 hours R - 24 hours
200	Grams stain(IH)	Submit specimen in a sterile screw Capped container Or smeared on to2glass slides.	sterile screw capped Container or smeared on to 2glass slides.	Nil	Microscopy	04HRS	RT - 2 hours RT- 48 days
201	Growth hormone(IH)	2ml (1ml min.) Serum from1 SST	Red top tube	Clot activator	ECLIA	04HRS	RT - 2 hours R - 2 days

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202	GTT(IH)	1.0ml plasma from grey Top tube and 10ml aliquot of Corresponding urine for each timed specimen. Collect fasting base line plasma and urine specimen (0 hr) Dissolve 75g glucose in adults/1.75g/ kg weight in children (not exceeding 75 g) in 300 ml water.	Grey Top	Sodium Fluoride	Spectrophotometry	04hours	RT - 6 hours R - 24 hours
203	H. Pylori ab(IH)	2ml (1ml/min.) Serum from 1 SST	Red top tube	Clot activator	RAPIDCARD	4HR	RT - 2 hours R - 2 days
204	H. Pylori Ag (IH)	5G STOOL	CONTAINER	NA	RAPID CARD	4HR	R - 24 hours
	H1N1(OS)	Submit Nasal/Throat/ Nasopharyngeal Swab in occulted in special viral transport medium	-	-	Real time RT-PCR	Sample Mon through Sat by 11am; Report Same day	RT - 2 hours R - 48 hours F - NA
205	Haptoglobin (OS)	2 ml (1 ml min.) Serum from 1 SST.	Red top tube	Clot activator	Immunoturbidimetry	Sample Tue/Fri by 4pm; Report Same Day	RT - 6 hours R - 4 weeks F - 4 weeks
206	Hb electrophoresis (IH)	2.0ml Whole Blood	Lavender Top	EDTA	HPLC	24HRS	RT - 6 hours R - 24 hours
207	HB1AC(IH)	2.0ml Whole Blood	Lavender Top	EDTA	HPLC	4HRS	RT - 6 hours R - 24 hours
208	HBeAg (OS)	2mL (1mL/min.) Serum from 1 SST	Red top tube	Clot activator	CMIA	2DAYS	RT - 2 hours R - 1 week F - 2 weeks
209	HBsAg ECLIA(IH)	2mL (1mL/min.) Serum from 1 SST	Red top tube	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
210	HBsAg (IH)	2mL (1mL/min.) Serum from 1 SST	Red top tube	Clot activator	RAPIDCARD	4HR	RT - 2 hours R - 2 days

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211	HBSAG quantitative(OS)	2ml (1mlmin.) Serum from1SST	Red top tube	lot activator	CMIA	DAYS	RT - 2 hours R - 2 weeks F - 2 weeks
212	HBV quantitative PCR (IH)	2.0ml Whole Blood	Lavender Top	EDTA	PCR-CBNAAT	24HRS	-20C 2YRS
213	HCV (IH)	2ml (1mlmin.) Serumfrom1 SST	Redtop tube	Clot activator	RAPIDCARD	4HR	RT - 2 hours R - 2 days
214	HCV RNA PCR quantitative (IH)	2ml (1mlmin.) Serumfrom1 SST	Redtop tube	Clot activator	PCR-CBNAAT	24 HRS	-70C X2YRS
215	HDL(IH)	2ml (1mlmin.) Serumfrom1 SST	Redtop tube	Clot activator	SPECTROPHOTOMETRY	4HRS	RT - 2 hours R - 2 days
216	Hemoglobin(IH)	2.0mlWholeBlood	Lavender Top	EDTA	NON-CYANIDE HB ANALYSIS	4HRS	RT - 6 hours R - 1 days
217	Hepatitis b core antibodyIgM (antiHBc-IgM) (OS)	2ml (1ml min.)Serumfrom1SST	Redtop tube	Clot activator	CMIA	2DAYS	RT - 2 hours R - 2 weeks F - 2 weeks
218	HepatitisB envelope antigen (HBeAg)	2ml (1ml min.) Serumfrom1SST	Redtop tube	Clot activator	CMIA	2DAYS	RT - 2 hours R - 2 weeks F - 2 weeks
219	HIC-Surveillance (IH)	Swabs From different areas	NA	Na	Streak Method	03days	NA
220	High sensitivity CRP(OS)	2ml (0.5ml min.) serumfrom1SST.	Redtop tube	Clot activator	Immunoturbidimetry	2DAYS	RT -8 hours R - 2months F - 6months
221	HISTOPATHOLOGY(EXTRALARGE)(IH)	Submitspecimenin10%formalin. Clinical history is mandatory	Container according to size	10%formalin	Microscopy	07days	NA
222	Histopathology y Large (IH)	Submit specimen in 10% formalin. Clinical history is mandatory	Container according to size	10%formalin	Microscopy	07days	Blocks-10years, specimen-1month
223	Histopathology mall(IH)	Submit specimen in 10% formalin. Clinical history is mandatory	Container according to size	10%formalin	Microscopy	07days	Blocks-10 years, specimen-1month

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224	HIV1and2antibody (IH)	2ml serum	Red Top	Clot activator	ECLIA	01hour	RT - 2 hours R - 2 days
225	HIV-1RNA qualitative PCR (IH)	2ml (1mlmin.) Serum from1 SST, EDTA WB	Red top	Clot activator	PCR	24HRS	F- -70 degree Celsius 2years
226	HIVRAPID(IH)	0.5mlserum	Red Top	Clot activator	Rapid Card test- Immunochromatography	04hour	RT - 2 hours R - 2 days
227	Hiv1monitoringcd 4andc d8 plus Qualitative(OS)	6ml plasma	Purple top	EDTA	RT- PCR&FLOWCYTOMETR Y	4DAYS	RT - 24 hours R - NA F - NA
228	HLAB27flowcytometry(OS)	4ml (2ml min.)Whole blood in1 Lavender Top (EDTA) /Green Top (Sodium Heparin) tube	Purple/green top	EDTA/sodium heparin	Flow Cytometry	2DAYS	RT - 24 hours R - NA F - NA
229	Homo cysteine(OS)	2ml (1ml min.) Serum from 1SST	Red Top	Clot activator	CMIA	2DAYS	RT - 6 hours R - 2 weeks F - 4 weeks
230	HPV PCR(OS)	Swab IN VTM	VTM vial	VTM	PCR	24HRS	F- -20 degree Celsius 2 years
231	Ige (IH)	2ml (1mLmin.) Serum from1 SST	Red top tube	Clot activator	ELFA	2HRS	RT - 2 hours R - 2 days
232	IHC Multiple myeloma panel	Tissue / paraffin block/ slide	Biopsy container	-	IHC	5DAYS	A(15- 22DEGREEC)R(2 -8DEGREEC)

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233	IHC-breast hormone ereceptor panel	Tissue/ paraffin block	Biopsy container	-	IHC	6DAYS	15-22 degree celsius
234	IHC-breast hormone eceptor & Prognostic panel (er,pr,her2neu,ki67) (OS)	Tissue/paraffin block	Biopsy container	-	IHC	6DAYS	15-22 degree celsius
235	Immunoglobulin IgA(OS)	5ml (3mlmin.) Serum from 1SST	Red Top	Clot activator	Capillary electrophoresis, Agarose Gel Electrophoresis, Immunoturbidimetry	2DAYS	RT - 8 hours R - 72 hours F - 6 weeks
236	Immuno globincapsule (IGG,IGA,IG)	2ml (1mlmin.)serum from1 SST	Red Top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 72 hours F - 6 weeks
237	Immunoglobuliniga(OS)	2ml (1ml min.)serumfrom1 SST	Red Top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 72 hours F - 6 weeks
238	Immunoglobulinige(OS)	2ml (1ml min.)serumfrom1 SST	Red Top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 72 hours F - 6 weeks
239	Immunoglobulinigg(OS)	2ml (1mlmin.) serum from1 SST	Red Top	Clot activator	Immunoturbidimetry	2DAYS	RT - 8 hours R - 72 hours F - 6 weeks
240	Immunophenotyping flowcytometry acute leukemia panel (OS)	3ml (2ml min.)Whole blood each in 1Lavender Top (EDTA) tube and	Purple/green top	EDTA / sodium heparin	Flow Cytometry	2DAYS	RT - 24 hours R - NA

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		1Green Top (Sodium Heparin) tube or 2 ml (1 mL min.) Bone marrow in 1 Green Top (Sodium heparin) tube AND Aspirate Smear.					F - NA
241	India ink (IH)	1.0mlCSF	Sterilize container & syringe	Nil	Microscopy	04HRS	R - 48 hours
242	InhibinB (OS)	2 ml (1 ml min.)Serum from1SST.	Red Top	Clot activator	EIA	Sample Tue/Thu /Satby9am;Report	RT - 8 hours R - 72 hours F - 6 weeks
243	Insulin (IH)	2ml (1ml min.) Serum from1 SST	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
244	Interleukin6(IL6)(OS)	2.0mlWhole Blood	Lavender Top	EDTA	ECLIA	3DAYS	RT - 2 hours R - 24 hours F - 3 months
245	Ionized calcium (IH)	2ml (1mlmin.) Serum from 1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 2 hours R - 2 days
246	Iron study (IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 2 hours R - 2 days
247	Islet cell Ab (OS)	10mlwholeblood	Lavender Top	EDTA	Romanorsky Staining	01Day	RT - 2 hours R - 48 hours
248	JAK2mutation(OS)	3ml (2mlmin.)wholebloodCin1 Lavender Top (EDTA) tube	Lavender Top	EDTA	Droplet digital PCR	5days	RT - 6 hours R - 72 hours F - NA
249	Karyo typing neonatal(OS)	4ml Sodium heparin	Green top	Sodium		1 MONTH	
250	Stone analysis(kidney, gallbladder)	Whole gall bladder or Kidney stone	Sterile container	-	GTIR	3DAYS	15-22 degree Celsius
251	Koh wet preparation(IH)	Submit skin nails crapping ,hair CSF in sterile container	Sterilize container	Nil	Microscopy	04HRS	RT - 4 hours R - 24 hours

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252	Lactate (IH)	2mlheparin BLOOD	Heparinized syringe	Sodium Heparin	Spectrophotometry	4 HRS	RT - 6 hours R - 2 days
253	LDH (IH)	2 ml (1 ml min.)Serumfrom1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 6 hours R - 2 days
254	LDL (direct) (IH)	2 ml (1 ml min.)Serumfrom1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 6 hours R - 2 days
255	LE cell (IH)	Whole blood	Purple top	EDTA	Romanowsky's Staining	1DAYS	RT - 2 hours R - 48 hours F - NA
256	Leishmania IgG antibody(kala-azar)	2ml (1mlmin.) Serum from 1SST	Red Top	Clot activator	ICT	2DAYS	RT - 4 hours R - 72 hours F - NA
257	Leptospira igG& IgM (OS)	2ml (1ml min.) Serum from 1SST	Red Top	Clot activator	ICT	4HRS	RT - 6 hours R - 2 days
258	LH (IH)	2ml (1ml min.) Serum from 1 SST	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
259	Lipase(IH)	2 ml (1 ml min.) Serum from 1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 2 hours R - 2 days
260	Lipid profile (IH)	2 ml (1 ml min.) Serum from 1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 2 hours R - 2 days
261	Lipoprotein (a) (OS)	2 ml (1 ml min.) Serum from1SST	Red Top	Clot activator	Immunoturbidimetry	3days	RT - 6 hours R - 1 week F - 4 weeks
262	Lithium (OS)	2 ml (1 ml min.) Serum from 1SST.	Red Top	Clot activator	Colorimetric	2DAYS	RT - 2 hours R - 7 days

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263	Liver function test(IH)	2 ml(1 mL min.) Serum from1SST.	Red Top	Clot activator	Spectrophotometry	04 hours	RT - 6 hours R - 2 days
264	Lysozyme; muramidase (OS)	2ml (1mlmin.) Serum from1SST.Separate serum within 1 hour of collection in a plastic transport vial	Red Top	Clot activator	Enzymatic	Sampleby7th of the month;Reportafter 2-3weeks	RT - 8 hours R - 15 days F - 18 days
265	Magnesium (IH)	2ml (1mlmin.)Serum from1SST.	Red Top	Clot activator	Spectrophotometry	04hours	RT - 6 hours R - 2 days
266	Malariaantigen (IH)	2.0ml EDTA blood	Lavender Top	EDTA	Rapid Card test	04 hour	RT - 6 hours R - 2 days
267	Malarial parasite smear (IH)	2.0ml EDTA blood	Lavender Top	EDTA	Microscopy	04hour	RT - 6 hours R - 24 hours
268	Mantoux test (IH)	Patient to report lab on day 1&3 of the test	NA	Nil	Intradermalskintest	02day	NA
269	Methemoglobin estimation (OS)	Heparin syringe	Heparin	lithum/ sodium heparin	Co-oximetry	4HR	Not retained
270	Micro albumin urine (IH)	10 ml urine	Sterilize container	Nil	Spectrophotometry	04 hour	RT - 6 hours R - 1 days
271	Micro protein (IH)	Body fluid	Sterilize container	Nil	Spectrophotometry	04 hour	RT - 6 hours R - 1 days
272	Mumps IgG antibody (OS)	2ml (1mlmin.) serum from1SST	Red Top	Clot activator	CLIA	Sample Mon/Wed /Friby9am; Report	RT - 2 hours R - 48 hours F - 4 weeks
273	Musk (muscle specific kinase) Ab (OS)	4ml (2mlmin.) Serum from1SST	Red Top	Clot activator	EIA	Sample Tue/Fri by9am;Report2DAYS	RT - 8 hours R - 1 week F - 4 weeks
274	Myoglobin urine(ampath) (OS)	10ml urine	Sterilize container	-	Immunoassay	2DAYS	15-22 degree celcius 2-8 degree celcius

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275	NKCL Ionized ca (IH)	2 ml (1 mlmin.) Serum from 1SST.	Red Top	Clot activator	Direct ISE	4HRS	RT - 6 hours R - 2 days
276	Nasal secretion for culture(IH)	Nasal swab	Sterile tube	Na	Manual	48HRS	NA
277	Neisseriagonorrhoeapcr(IH)	15ml (5mlmin.) First morning Urine in a sterile screw capped container or Vaginal / Endo cervical Swab	Sterilize container	-	Real Time PCR	24HRS	R - 48 hours
278	NTPROBNP(IH)	2mL (1mLmin.)Serum from1SST.	Red Top	Clot activator	ELFA	4HRS	RT - 2 hours R - 2 days
279	Occult blood stool(IH)	2.0gm stool	Sterilize container	Nil	Rapid card test	04hour	RT - 6 hours
280	Oligoclonalb ands, csf(OS)	2ml (1.5mlmin.) CSF in a sterile screw capped container	Sterilize container	NIL	Isoelectric focusing	Sample Daily by 9am;Report2DAY S	RT - NA R - 1 week F - NA
281	Pap smear(IH)	Collected smear	NA	NA	Microscopy	01day	SLIDES 5years
282	Para thyroid hormone(IH)	EDTA plasma 2ml	Lavender Top	Clot activator	ELFA	4HRS	F - 48 hours
283	PBF(IH)	2.0ml EDTA blood	Lavender Top	EDTA	Slide Method	04 hour	RT - 6 hours R - 24 hours
284	Phenobarbitone levels (OS)	2ml (1mlmin.) Serum from 1Red Top (No Additive) tube	Red top	Clot activator	PETINIA	2DAYS	RT - 8 hours R - 48 hours F - 1 week
285	Phenytoin (OS)	2ml (1mlmin.)Serumfrom1Red Top (No Additive) tube	Red top	Clot activator	PETINIA	2DAYS	RT - 8 hours R - 48 hours F - 1 week
286	Phospholipidsyndrome panel (OS)	4ml (2.5mlmin.) Serum from1 SST and 3mLWhole blood in 1	Sky top	Sodium citrate	EIA, Electromechanical Clot Detection	2DAYS	RT - 4 hours R - 4 hours

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287	Phosphorus(IH)	2 ml (1 mlmin.) Serumfrom1SST.	Red Top	Clot activator	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
288	PLA2receptorantibody-serum(OS)	3 ml (2 ml min.) Serum from1SST tube	Red Top	Clot activator	EIA	5DAYS	RT - 8 hours R - 2 weeks F - 4 weeks
289	Platelet count(IH)	2.0ml blood	Lavender top tube	EDTA	Cell coulter and microscopy	04hour	RT - 6 hours R - 24 hours
290	Pompe disease quantitative(OS)	10ml (7.5mlmin.)Whole blood from 3LavenderTop(EDTA) /Green Top(Sodium Heparin) tubes	EDTA/green top	-	Enzyme assay	5DAYS	RT - NA R - 48 hours F - NA
291	Potassium(IH)	2ml (1mlmin.) Serumfrom1SST.	Red Top	Clot activator	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
292	Procalcitonin (IH)	2ml (1mlmin.) Serumfrom1SST.	Red Top	Clot activator	ECLIA	4 HRS	RT - 2 hours R - 2 days
293	Progesterone (IH)	2ml (1mlmin.) Serumfrom1SST.	Red Top	Clot activator	ECLIA	4HR	RT - 2 hours R - 2 days
294	Prolactin(IH)	2ml(1ml min.) Serumfrom1SST.	Red Top	Clot activator	ECLIA	4HR	RT - 2 hours R - 2 days
295	Protein/creatinine ratio (IH)	15ml Urine	Sterilize container	-	Spectrophotometry	4HR	RT - 2 hours R - 2 days
296	Protein C functional activity (OS)	3ml Whole blood in 1BlueTop (Sodium Citrate) tube. Mix thoroughly by inversion. Transport to Lab within 4 hours	BLUETOP	Sodium citrate	Chromogenic Assay	2DAYS	RT - 4 hours R - 4 hours F - 2 weeks
297	Protein electrophoresis (OS)	2 ml (1 ml min.) Serum from 1SST.	Red Top	Clot activator	Capillary Electrophoresis	2DAYS	RT - 8 hours R - 2 weeks F - 6 months
298	Proteinelectrophoresisurine24hr	20ml (10ml min.) aliquot of 24 Hour Urine.	Sterilize container	-	Agarose Gel Electrophoresis	5DAYS	RT - 2 hours R - 24 hours F - 6 months

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299	Protein total(IH)	2m l (1mlmin.) Serum from1SST.	Red Top	Clot activator	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
300	PSA free(OS)	2ml (1ml min.) Serum from1SST	Red Top	Clot activator	CMIA	1DAY	RT - 2 hours R - 24 hours F - 4 weeks
301	PSA total(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
302	PTI (IH)	1.8mlBloodin Blue Top Tube	Blue Top	3.2sodium citrate	Clot dissolution	02hours	F - 12 hours
303	Pus culture with automated ID&AST (MIC)(IH)	Pus	Sterile container	-	Vitak	48 hours	NA
304	PUSC/S (IH)	Pus	Sterile container	Na	Manual	48 hrs	NA
305	Quadruple marker (OS)	4ml (3mlmin.) Serum from 1SST.	Red Top	Clot activator	PRISCA/DELFIA	5 days	RT-2 hours R-48 hours
306	R.A.factor quantitative(IH)	2ml l(1mlmin.) Serumfrom1SST.	Red Top	Clot activator	Immunoturbidimetry	4HRS	RT - 2 hours R - 2 days
307	R.A.factor (IH)	2ml (1mlmin.) Serumfrom1SST.	Red Top	Clot activator	ICT	4HRS	RT - 2 hours R - 2 days
308	Respiratory secretions /sputum /etsecretions culture with automated ID&AST(MIC)(IH)	Sample	Sterile container	Na	Manual	48HRS	RT - 2 hours R - 2 days
309	Reticulocyte count(IH)	2.0ml EDTA Blood	Lavender Top	EDTA	Microscopy	04hours	RT - 06 hours R - 48 hours
310	Review of cytoslides(IH)	Slides	Na	Na	Microscopy	24 hrs	SLIDES 5YRS
311	Review of HPE blocks(IH)	Blocks	Na	Na	Microscopy	48hrs	BLOCKS 10YRS

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312	ROMA(OS)	2 ml (1 ml min.)Serum from1SST.	Red Top	clot activator	CMIA	5 Days	RT - 8 hours R - 72 hours F - 2 weeks S
312	Routine urine analysis(IH)	10MLURINE	Sterilize container	-	Microscopy, dipstick	4HRS	6HRS
314	RPR ,serum (OS)	2ml (1mlmin.)Serum from1SST	Red Top	Clot activator	Charcoal Flocculation	3days	RT - 2 hours R - 48 hours F - 1 week
315	S, Osmolality(IH)	2ml (1mlmin.) Serumfrom1 SST	Red Top	Clot activator	Calculation, ise	1HRS	RT - 2 hours R - 2 days
316	Salmonella PCR(IH)	2ml (1mlmin.) Serum from 1 SST, EDTA WB	Red top	Clot activator	PCR	24 HRS	-20deg C x2yrs
317	Scrub typhus antibody(IH)	2mL (1mLmin.) Serum from1SST.	Red Top	Clot activator	Rapid card	1HRS	RT - 2 hours R - 2 days
318	Semen culture with automated id &ast (MIC)(IH)	SEMEN	Sterile container	NA	Automated	48HRS	NA
319	Semen examination(IH)	Semen sample	Sterile container	nil	Microscopy	4HRS	4 HRS
320	Semen for culture and sensitivity(IH)	Semen	Sterile container	Na	Manual	48HRS	NA
321	Serum ascites albumin gradient(SAAG)(IH)	Serum and ascitic fluid	Red top sterile container	Na	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
322	SGOT(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	Spectrophotometry	4HR	RT - 2 hours R - 2 days
323	SGPT(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	Spectrophotometry	4HR	RT - 2 hours R - 2 days
324	SMA(spinal muscular atrophy) GEN-SMN Micro deletion(IH)	4ml (2mlmin.)whole blood in1Lavender top (EDTA) tube	Lavender top	EDTA	MLPA	10 Days	RT - NA R - 1 week FROZEN-

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							NA
325	Sodium and potassium, s(IH)	2ml (1mlmin.) Serum from 1SST.	Red Top	Clot activator	ISE	4HRS	RT - 2 hours R - 2 days
326	Sodium, s(IH)	2ml (1mlmin.) Serum from 1SST.	Red Top	Clot activator	ISE	4HRS	RT - 2 hours R - 2 days
327	Sputum for culture(IH)	5ml sputum	Sterile container	Na	Manual	48HRS	NA
328	Stool C/S(IH)	2.0gmstool	Sterile container	Nil	Manual	48 hour	NA
329	Stool culture & automated ID (IH)	2.0gmstool	Sterile container	Nil	Automated	48 hour	NA
330	Stool examination routine(IH)	2.0gmstool	Sterile container	Nil	Microscopy	04 hour	06HRS
331	Stool for clostridium difficle toxin (OS)	3ml(1mlmin.) STOOL(unformed)	Sterile container	NA	Real-time PCR	Sample Tuesday /Friday by 9a m, Report next day	RT - NA R - 5 days FROZEN-NA
332	Stool for hanging drop(IH)	2.0gmstool	Sterile container	Nil	Microscopy	04hour	RT- 6 hours
333	Stool for reducing substances(IH)	2.0gmstool	Sterile container	Nil	Benedicts test	04 hour	RT- 6 hours
334	SUCTION TIP C/S(IH)	TIP	Sterile container	NA	Manual	48HRS	NA
335	Swab for culture and sensitivity (IH)		Sterile container	NA	Manual	48HRS	NA
336	Swab culture automated ID (IH)		Sterile container	NA	Automated	48HRS	NA

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337	T4(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
338	T3(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
339	T3,t4,tsh(IH)	2ml (1mmin.) Serumfrom1SST.	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
340	Tacrolimus(OS)	3mL (2mLmin.)Whole blood in1Lavender Top (EDTA) tube	Lavender top	EDTA	LC-MS/MS	3DAYS	RT - 6 hours R - 7 days F- NA
341	TBGOLD(OS)	Collect1mLWhole blood each in a set of special QuantiFERON –TB Gold tubes available from LPL.Shakethetubesvigorouslyatleast1 0 times to ensure thorough mixing. DO NOT CENTRIFUGE	Green top	Sodium/Lithium heparin	EIA	7DAYS	RT - 16 hours R - 72 days F-NA
342	TBPCRCBNAATWITHRIFAMP IN(IH)	Any fluid/sputum	Sterilize container	NA	PCR	24HRS	-20 C FOR 2YRS
343	TESA(IH)	Biopsy/aspirate	Sterile container	NA	Microscopy	24HRS	R - 24 hours
344	Testosterone free(OS)	2mL(1mLmin.) Serumfrom1SST.	Red Top	Clot activator			
345	Testosterone total(IH)	2mL(1mLmin.) Serumfrom1SST.	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
346	Throat swab C/S(IH)	SWAB	Sterile container	NA	Manual	48HRS	NA
347	Tip culture (IH)	TIP	Sterile container	NA	Manual	48 HRS	NA
348	Tip culture for automated ID(IH)	TIP	Sterile container	NA	Automated	48HRS	NA

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349	Tissue culture(IH)	TISSUE	Sterile container	NA	Manual	48 HRS	NA
350	Tissue culture with automated ID &AST (MIC)(IH)	TISSUE	Sterile container	NA	Automated	48 HRS	NA
351	TLC(IH)	2.0mlblood	Lavender top tube	EDTA	Cell coulter and microscopy	04hour	RT - 6 hours R - 48 hours
352	TMS (baby shield)47condition (OS)	Whole blood on filter paper	spot	-	TMS	5 Days	RT-24 hours
353	TPHA; treponemapallidumhemaggl	2mL (1mLmin.) Serum from1SST.	Red Top	Clot activator	Slide agglutination	4HRS	RT - 2 hours R - 2 days
354	Tracheal aspiration for C/S (IH)	5-10 ml	Sterile container	-	Manual	48 hours	RT
355	Triglycerides(IH)	2mL (1mLmin.) Serum from1SST.	Red Top	Clot activator	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
356	Triple marker(OS)	4mL (3mLmin.) Serum from 1SST.	Red Top	Clot activator	Delfia	5 days	Rt-2 hours R-2days
357	Troponin T (IH)	3mL (2mLmin.) Whole blood in 1Lavender Top (EDTA) tube	Lavender top	EDTA	Immnuochromatographic assay	4HRS	RT - 6 hours R - 24 hours
358	Troponin-I(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	Immnuochromatographic assay	4HRS	RT - 2 hours R - 2 days
359	TroponIn-I high sensitive(IH)	2ml(1mlmin.) Serum from1SST.	Red Top	Clot activator	ELFA	4HRS	RT - 2 hours R - 2 days
360	TSH(IH)	2ml (1mlmin.) Serumfrom1SST.	Red Top	Clot activator	ECLIA	4HRS	RT - 2 hours R - 2 days
361	TTGIgA(IH)	2ml (1mlmin.) Serumfrom1SST.	Red Top	Clot activator	ELISA	48HRS	RT - 2 hours R - 2 days

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362	Typhi dot(IH)	2ml(1mlmin.) Serumfrom1SST.	Red Top	Clot activator	Card method	48HRS	RT - 2 hours R - 2 days
363	U. Bile salts(IH)	10 ml urine	Sterilize container	Strip	Sulphur powder	04hour	RT - 2 hours R - 6 hours
364	Umbilical line tip culture & sensitivity(IH)	TIP	Sterile container	Na	Manual	24 HRS	NA
365	Uric acid serum(IH)	2ml (1mlmin.)Serum From1 SST.	Red Top	Clot activator	Spectrophotometry	4HRS	RT - 2 hours R - 2 days
366	Urine albumin (IH)	10mlurine	Sterilize container	NIL	SPECTROPHOTOMETR Y	4HRS	RT - 2 hours R - 24 hours
367	Urine calcium (IH)	10mlurine	Sterilize container	NIL	Spectrophotometry	4HRS	RT - 2 hours R - 24 hours
368	Urine calcium/creatinine ratio(IH)	15mlurine	Sterilize container	NIL	Spectrophotometry	4HRS	RT - 2 hours R - 24 hours
369	Urine creatinine(IH)	10mlurine	Sterilize container	NIL	Spectrophotometry	4HRS	RT - 2 hours R - 24 hours
370	Urine culture and automated ID(IH)	10mlurine	Sterilize container	Nil	Automated	48HRS	NA
371	Urine culture and sensitivity (IH)	10mlurine	Sterilize container	Nil	Manual	48HRS	NA
372	Urine for fat globules (IH)	10mlurine	Sterilize container	NIL	Microscopy	4HRS	6HRS
373	Urine for fungal culture(IH)	10mlurine	Sterilize container	Nil	Manual	7DAYS	NA
374	Urine for phosphorus(IH)	10mlurine	Sterilize container	NIL	Spectrophotometry	4HRS	RT - 2 hours R - 24 hours
375	Urine for potassium(IH)	10mlurine	Sterilize container	NIL	ISE	4HRS	RT - 2 hours R - 6 hours
376	Urine for reducing sugar(IH)	10mlurine	Sterilize container	NIL	Dipstick/manual	4HRS	RT - 2 hours R - 6 hours

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377	Urine for sodium(IH)	10mlurine	Sterilize container	NIL	ISE	4HRS	RT - 2 hours R - 6 hours
378	Urine for sodium& potassium (IH)	10mlurine	Sterilize container	NIL	ISE	4HRS	RT - 2 hours R - 6 hours
379	Urine for specific gravity(IH)	10mlurine	Sterilize container	NIL	Dipstick	4HRS	RT - 2 hours R - 6 hours
380	Urine for urobilinogen(IH)	10mlurine	Sterilize container	NIL	Dipstick	4HRS	RT - 2 hours R - 6 hours
381	Urine ketenes(IH)	10mlurine	Sterilize container	NIL	Dipstick	4HRS	RT - 2 hours R - 6 hours
382	Urine pregnancy test(IH)	10mlurine	Sterilize container	NIL	Card method	4HRS	RT - 2 hours R - 6 hours
383	Valproic acid (valproate)(OS)	2m l(1mlmin.) Serum from1Red Top (No Additive) tube.	Red top	Clot activator	Petinia	2DAYS	RT - 6 hours R - 48 hours F - 2 weeks
384	Varicellazoster PCR(OS)	3ml (2mlmin.) whole blood from1 Lavender Top (EDTA) tube or 3mL (2 ml min.) CSF in a sterile screw capped container	Lavender top/ Sterile container	NIL	Real time PCR	Sample Mon/Thu by 11am;ReportWed/ Sat	RT - 6 hours R - 72 hours F -NA
385	VDRL (IH)	2ml (1mlmin.)Serumfrom1SST.	Red Top	Clot activator	Rapid Strip Method	04Hours	RT - 2 hours R - 2 days
386	VDRL titre(IH)	2ml (1mlmin.)Serumfrom1SST.	Red Top	Clot activator	Slide agglutination Method	04hours	RT - 2 hour R - 2 days

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387	Vitaminb1(OS)	3ml (2mlmin.)Wholebloodfrom1 Lavender Top (EDTA) tube wrapped completely with black paper or aluminum foil	Lavender top	EDTA	LC-MS/MS	SampleFriby9am ;Report Tue	RT - 6 hours R - 24 hours F - 30 days
388	Vitaminb12(IH)	2ml (1mlmin.) Serum from1SST.	Red Top	Clot activator	ECLIA	04HRS	RT - 2 hours R - 2 days
389	VitaminD25hydroxy(IH)	2ml (1mLmin.)Serumfrom1SST.	Red Top	Clot activator	ECLIA	04HRS	RT - 2 hours R - 2 days
390	VMA (vanilya mandelic acid) 24hrurine(OS)	50ml (10mlmin.)aliquot of 24 hour Urine. Collect urine withappropriatevolumeof50%HCltom aintain pH between 1-2	Sterilize container	-	HPLC-EC	Sample Wed/Satby9am;Re port2 days	RT - 8 hours R - 7 days F - 30 days
391	Water culture (IH)	20ml water rom source	Sterile container	Nil	manual	48hrs	NA
392	Weilfelix (OS)	2 ml (1 ml min.)Serumfrom1SST.	RED TOP	Clot activator	Latex Agglutination	2DAYS	RT - 2 hours R - 48 hours F - 1 week
393	Widal (IH)	0.5ml serum	Red Top	Nil	Slide Agglutination	04hours	RT - 2 hours R - 2 days
394	Wound swab for culture (IH)	swab	Sterile tube	Nil	manual	48hrs	NA
395	Zn stain(IH)	Pus, tissue sputum,swab,fluid,	Sterile tube	Nil	Microscopy	4HRS	RT - 2 hours R - 2 days
396	Zinc serum/plasma(OS)	3ml (1mlmin.)Serumfrom1Royal Blue Top (Trace element t Serum)tubeOR3mL(1mLmin.) Plasma from 1metal free Royal Blue Top	Royal blue top		ICPMS	2DAYS	RT - 24 hours R - 48 days F - 1 week

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