




 A.J.HOSPITAL & RESEARCH CENTRE, MANGALURU	QUALITY SYSTEM MANAGEMENT		Issue No: 01
	PROCEDURE		Issue Date: 9/01/2025
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Section: BIOCHEMISTRY


Sl.NO	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Interim Emergency TAT
1	LA BC 001	24 Hour Urine Calcium	Quantitation of 24 hours calcium in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
2	LA BC 002	24 Hour Urine Chloride	Quantitation of 24 hours Chloride in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
3	LA BC 004	24 Hour Urine Magnesium	Quantitation of 24 hours Magnesium in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
4	LA BC 005	24 Hour Urine Phosphorous	Quantitation of 24 hours Phosphorus in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
5	LA BC 006	24 Hour Urine Potassium	Quantitation of 24 hours Potassium in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
6	LA BC 008	24 Hour Urine Sodium	Quantitation of 24 hours Sodium in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
7	LA BC 009	24 Hour Urine Uric Acid	Quantitation of 24 hours Uric acid in urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min

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8	LA BC 014	Amylase - Urine	Quantitation of Amylase in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
9	LA BC 025	Chloride - Urine	Quantitation of Chloride in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
10	LA BC 048	Phosphorous level in Urine	Quantitation of Phosphorus in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
11	LA BC 051	Potassium - Urine	Quantitation of Potassium in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
12	LA BC 052	Procalcitonin - Serum	Quantitative determination of procalcitonin (PCT)	Serum	Red top (Clot activator)	3-4 ml	2 hours	1hr 15 min
13	LA BC 055	Protein in Fluid	Quantitation of Protein in body fluid	Body fluid	Sterile Screw cap container	5-10 ml	2 hours	1hr 15 min
14	LA BC 056	Protein - CSF	Quantitation of Protein in CSF	CSF	Sterile Screw cap container	1-2 ml	2 hours	1hr 15 min
15	LA BC 060	Sodium - Urine Spot	Quantitation of Sodium in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
16	LA BC 061.	Total Protein - Urine	Quantitation of protein in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min

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Sl.NO	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Interim Emergency TAT
17	LA BC 065	Urine Creatinine Uric Acid Ratio	Urine creatinine, urine uric acid, creat/uric acid ratio	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
18	LA BC 066	Phosphorus urine	Quantitation of phosphorus	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
19	LA BC 013	LDH Body Fluid	Quantitation of Lactate dehydrogenase in body fluid	Body fluid	Sterile Screw cap container	5-10 ml	2 hours	1hr 15 min
20	LA BC 093	Urine Calcium - Creatinine ratio	Urine calcium, urine creatinine, cal/creat ratio	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
21	LA BC 691	Amylase Body fluid	Quantitation of Amylase in body fluid	Body fluid	Sterile Screw cap container	5-10 ml	2 hours	1hr 15 min
22	LA PT 020	Urine - Calcium	Quantitation of calcium in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
23	LA BC 098	Urine microalbumin	Quantitation of microalbumin in random urine	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
24	LA BC 099	Microalbumin Creatinine Ratio - Urine	Urine albumin, Urine creatinine, albumin/creat ratio	Urine	Sterile Screw cap container	10-30 ml	2 hours	1hr 15 min
25	LA BC 074	Ammonia in plasma	Quantitation enzymatic determination of ammonia in plasma	Whole blood	K2 EDTA (Lavender top) transport at 2-8 °C	3 ml	2 hours	1hr 15 min


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Section: IMMUNO-ASSAY

S.No	Test Code	Test Name	Test components	Specimen type	Sample container	Sample Volume	STD. TAT	Interim Emergency TAT
1	LA IA 012	Prostate Specific Antigen (PSA) - Serum	Total PSA determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
2	LA IA 014	CA 125 - Serum	Ovarian CA defined Antigen determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
3	LA IA 015	CEA- Serum	Carcinoembryonic antigen determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
4	LA IA 019	Microsomal TPO	IgG class of thyroid peroxidase autoantibodies determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
5	LA IM 078	Ferritin, serum by CLIA	Ferritin determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
6	LA IM 088	Vitamin B12 (Cyanocobalamin), serum by CLIA	Vitamin B12 determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
7	LA IA 023	Immunoglobulin E (IgE) - Serum	IGE determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min
8	LA IA 024	CA19.9 (Carbohydrate Antigen 19-9) - Serum by CMIA	CA19.9 determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min





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S.No	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Emergency TAT
9	LA IM 089	TSH Receptor Antibody	TSH Receptor Antibody determination	Serum	Red top (Clot activator)	3-4 ml	15 DAYS	-
10	LA IA 025	PTH- Para Thyroid Hormone	PTH Determination	Serum	Red top (Clot activator)	3-4 ml	2.5 hours	1hr 30 min

Section: HEMATOLOGY





SL.N O	Test Code	Test Name	Test components	Specimen type	Sample container	Sample Volume	STD. TAT	Interim Emergency TAT
1	LA HE 003	Blood - BT, CT	bleeding time & Clotting time	Whole Bood	N/A	N/A	2 hours	1hr 15 min
2	LA HE 008	Blood - ESR	Erythrocyte sedimentation rate	Whole blood	K2 EDTA (Lavender top)	3 ml	2 hours	1hr 15 min
3	LA HE 011	Blood - Malarial Parasites (RCD)	Rapid test for detection of Malaria parasite	Whole blood	K2 EDTA (Lavender top)	3 ml	2 hours	1hr 15 min
4	LA HE 022	Blood - Microfilaria (smear)	Identification of microfilaria	Whole blood	K2 EDTA (Lavender top)	3 ml	2 hours	1hr 15 min
5	LA HE 002	Blood- Absolute Eosinophil Count	Absolute Eosinophil Count	Whole blood	K2 EDTA (Lavender top)	3 ml	2 hours	1hr 15 min


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Section: CLINICAL PATHOLOGY

S.No	Test Code	Test Name	Test components	Specimen type	Sample container	Sample Volume	STD. TAT	Interim Emergency TAT
1	LA PT 003	Body Fluid - Examination- Complete	Cell count, cell type, Total Protein, Sugar level	Body fluid	Sterile screw cap container	10-20 ml minimum	3 hours	2 hr 15 min
2	LA PT 005	Body Fluid - Protein	Total protein in body fluid	Body fluid	Sterile screw cap container	5 ml	3 hours	2 hr 15 min
3	LA PT 010	Semen - Analysis	Volume, appearance, liquification time, viscosity, pH, sperm count, microscopic findings	Semen	Sterile screw cap container	≥ 2 ml	3 hours	2 hr 15 min
4	LA PT 028	Urine - Pregnancy Test	Rapid test for detection of HcG in urine	Urine	Screw cap container	20-30 ml	3 hours	2 hr 15 min
5	LA PT 034	Routine Examination - CSF	Cell count, cell type, Total Protein, Sugar level	CSF	Sterile screw cap container	3-5 ml	1 hours	1 hours
6	LA PT 004	Body Fluid - Malignant Cells/ Cytology	Microscopic description	Body fluid	Sterile screw cap container	10-20 ml	1 day	-
7	LA PT 033	Tzanck Smear (Vesicle Fluid)	Microscopic description	-	Microscopic slides	3 slides minimum	1 day	-
8	LA PT 016	Tissue - FNAC	Microscopic description	Needle aspiration	Microscopic slides	3 slides minimum	1 day	-





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S.No	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Interim Emergency TAT
9	LA PT 017	Tissue - Pap Smear	Microscopic description	Endocervical smear	Microscopic slides	2 slides minimum	1 day	-
10	LA PT 021	Urine - Cytology	Microscopic description	Urine	Screw cap container	20-30 ml	1 day	-

Section: SEROLOGY





S.No	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Interim Emergency TAT
1	LA SE 005	Leptospira Spot Test - Serum	Rapid test for qualitative detection of leptospira IgG & IgM	Serum	Red top (Clot activator)	3-4 ml	2 hr 30 min	1 hours 30 min
2	LA SE 010	Dengue NS1 Ag & Ab(Spot Test)	Rapid test for qualitative detection of Dengue NS1 antigen, IgM & IgG	Serum	Red top (Clot activator)	3-4 ml	2 hr 30 min	1 hours 30 min


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Section: MICROBIOLOGY

S.No	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Emergency TAT
1	LA MB 002	Alberts Stain	Identification of organisms	any swab	sterile swab stick	1 swab	2 hours	2 hours
2	LA MI 650	Suction Catheter Tip culture & sensitivity	Identification of pathogens & their sensitivity	Catheter tip	Sterile screw cap container	1-2 cm	3 days	-
3	LA MB 015	Hanging Drop for V.Cholerae	Identification of V.Cholerae	Stool	Sterile screw cap container	2gms	1 hour	1 hour
4	LA MB 016	Indian Ink preperation	Identification of capsulated organisms	CSF	Sterile screw cap container	1-2 ml	2 hours	2 hour
5	LA MB 017	K O H Mount - Fungus Staining	Identification of yeast & fungal hyphae	Body fluid/Skin scraping/ pus	Sterile screw cap container	1-2 ml	2 hours	2 hours
6	LA MB 018	Stool: Acid fast stain for Parasites	Identification of organisms	Stool	Sterile screw cap container	2gms	2 hours	2 hours

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S.No	Test Code	Test Name	Test components	Specimen type	Sample Container	Sample Volume	STD. TAT	Emergency TAT
7	LA MB 020	SARS- Covid-19 Antigen (COVID-19)	Detection of viral protein (antigen) related to Covid19	Nasopharyngeal swab	Covid test special swab	1 swab	2 hr 30 min	1 hours 30 min
8	LA MI 226	Cryptosporidium in stool	Identification of cryptosporidium in stool	Stool	Sterile screw cap container	2gms	2 hours	2 hours
9	LA MB 044	AUTOANTIBODY/ENA PROFILE (IgG)	Detection of autoimmune antibody	Serum	Red top (Clot activator)	3-4ml	3 hours	-
10	LA MB 008	Fungal culture	Identification of pathogens & their sensitivity	Body fluid/pus swab	Sterile screw cap container	1-5ml	21 days	-
11	LA PT 058	Mantoux Test. Alberts Stain	skin test test for Tuberculosis Identification of organisms	N/A	N/A sterile swab stick	N/A 1 swab	3 days	-

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