



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** SUBURBAN DIAGNOSTICS (A UNIT OF DR. LAL PATHLABS LIMITED), 3RD FLOOR, VINI ELEGANCE, LT ROAD, BORIVALI (WEST), MUMBAI, MAHARASHTRA, INDIA

**Accreditation Standard** ISO 15189:2022

**Certificate Number** MC-7532 **Page No** 1 of 29

**Validity** 15/12/2025 to 14/12/2029 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CLINICAL BIOCHEMISTRY	Ascitic Fluid, Pleural Fluid, Synovial Fluid, Fluoride Plasma	Glucose	Hexokinase
2	CLINICAL BIOCHEMISTRY	Ascitic Fluid, Pleural Fluid, Synovial Fluid, Serum	Total Protein	Biuret
3	CLINICAL BIOCHEMISTRY	EDTA Whole Blood	Glycosylated Hb (HbA1C)	HPLC
4	CLINICAL BIOCHEMISTRY	Serum	A/G ratio	Calculated
5	CLINICAL BIOCHEMISTRY	Serum	Albumin	BCG
6	CLINICAL BIOCHEMISTRY	Serum	Alkaline Phosphatase	PNPP-AMP buffer
7	CLINICAL BIOCHEMISTRY	Serum	Amylase	G7 PNP- IFCC
8	CLINICAL BIOCHEMISTRY	Serum	Bilirubin-Direct	Diazo
9	CLINICAL BIOCHEMISTRY	Serum	Bilirubin-Indirect	Calculated
10	CLINICAL BIOCHEMISTRY	Serum	Bilirubin-Total	Diazo
11	CLINICAL BIOCHEMISTRY	Serum	BUN	Calculated
12	CLINICAL BIOCHEMISTRY	Serum	Calcium	NM-BAPTA
13	CLINICAL BIOCHEMISTRY	Serum	Chloride	Indirect ISE
14	CLINICAL BIOCHEMISTRY	Serum	CK-MB	ECLIA
15	CLINICAL BIOCHEMISTRY	Serum	Creatinine	Creatininase POD
16	CLINICAL BIOCHEMISTRY	Serum	CRP	Immunoturbidimetric
17	CLINICAL BIOCHEMISTRY	Serum	eGFR	Calculated
18	CLINICAL BIOCHEMISTRY	Serum	Estradiol	ECLIA
19	CLINICAL BIOCHEMISTRY	Serum	FSH	ECLIA
20	CLINICAL BIOCHEMISTRY	Serum	FT3	ECLIA
21	CLINICAL BIOCHEMISTRY	Serum	FT4	ECLIA
22	CLINICAL BIOCHEMISTRY	Serum	Gamma GT	IFCC-Colorimetric
23	CLINICAL BIOCHEMISTRY	Serum	HCG	ECLIA
24	CLINICAL BIOCHEMISTRY	Serum	HDL Cholesterol	CHER - CHOD
25	CLINICAL BIOCHEMISTRY	Serum	HS troponin T	ECLIA
26	CLINICAL BIOCHEMISTRY	Serum	LDL / HDL cholesterol Ratio	Calculated
27	CLINICAL BIOCHEMISTRY	Serum	LDL Cholesterol	Calculated
28	CLINICAL BIOCHEMISTRY	Serum	LDL Cholesterol	Cholesterol Esterase - Cholesterol Oxidase
29	CLINICAL BIOCHEMISTRY	Serum	LH	ECLIA
30	CLINICAL BIOCHEMISTRY	Serum	Lipase	1, 2- O-Dilauryl-Rac-Glycero-3-Glutaric Acid-(6-Methyl Resorufin) Ester
31	CLINICAL BIOCHEMISTRY	Serum	Non-HDL Cholesterol	Calculated
32	CLINICAL BIOCHEMISTRY	Serum	Phosphorus	Ammonium molybdate
33	CLINICAL BIOCHEMISTRY	Serum	Potassium	Indirect ISE

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34	CLINICAL BIOCHEMISTRY	Serum	Prolactin	ECLIA
35	CLINICAL BIOCHEMISTRY	Serum	SGOT	UV (without P-5-P)
36	CLINICAL BIOCHEMISTRY	Serum	SGPT	UV (without P-5-P)
37	CLINICAL BIOCHEMISTRY	Serum	Sodium	Indirect ISE
38	CLINICAL BIOCHEMISTRY	Serum	Total Cholesterol	CHOD-POD
39	CLINICAL BIOCHEMISTRY	Serum	Total Cholesterol / HDL cholesterol Ratio	Calculated
40	CLINICAL BIOCHEMISTRY	Serum	Total T3	ECLIA
41	CLINICAL BIOCHEMISTRY	Serum	Total T4	ECLIA
42	CLINICAL BIOCHEMISTRY	Serum	Triglycerides	GPO-PAP
43	CLINICAL BIOCHEMISTRY	Serum	TSH	ECLIA
44	CLINICAL BIOCHEMISTRY	Serum	Urea	Urease & GLDH
45	CLINICAL BIOCHEMISTRY	Serum	Uric Acid	Uricase
46	CLINICAL BIOCHEMISTRY	Serum	Vitamin D	ECLIA
47	CLINICAL BIOCHEMISTRY	Serum	Vitamin B12	ECLIA
48	CLINICAL BIOCHEMISTRY	Serum	VLDL Cholesterol	Calculated
49	CLINICAL BIOCHEMISTRY	Urine	Microalbumin	Immuno-turbidimetric
50	CLINICAL PATHOLOGY	Body Fluid (CSF, Ascitic/Pleural/Synovial)	Differential Count (Neutrophils, Lymphocyte, Mesothelial Cells)	Leishman Staining and Microscopy
51	CLINICAL PATHOLOGY	Body Fluid(CSF, Ascitic/Pleural/Synovial)	Abnormal Cells	Microscopy
52	CLINICAL PATHOLOGY	Body Fluid(CSF, Ascitic/Pleural/Synovial)	Appearance	Visual Examination
53	CLINICAL PATHOLOGY	Body Fluid(CSF, Ascitic/Pleural/Synovial)	Color	Visual Examination
54	CLINICAL PATHOLOGY	Body Fluid(CSF, Ascitic/Pleural/Synovial)	Total Nucleated Cells	Microscopy
55	CLINICAL PATHOLOGY	Body Fluid(CSF, Ascitic/Pleural/Synovial)	Quantity	Volumetric
56	CLINICAL PATHOLOGY	Body Fluid(CSF, Ascitic/Pleural/Synovial)	RBC	Microscopy
57	CLINICAL PATHOLOGY	Semen	Abnormal heads (%)	Microscopy (Rapid PAP Stain)
58	CLINICAL PATHOLOGY	Semen	Abnormal midpieces(%)	Microscopy (Rapid PAP Stain)
59	CLINICAL PATHOLOGY	Semen	Abnormal tails (%)	Microscopy (Rapid PAP Stain)
60	CLINICAL PATHOLOGY	Semen	Agglutination	Microscopy
61	CLINICAL PATHOLOGY	Semen	All progressive(a+b)	Microscopy
62	CLINICAL PATHOLOGY	Semen	Colour	Visual Examination
63	CLINICAL PATHOLOGY	Semen	Ejaculate Volume	Volumetric
64	CLINICAL PATHOLOGY	Semen	Epithelial Cells	Microscopy
65	CLINICAL PATHOLOGY	Semen	Excess residual cytoplasm(%)	Microscopy

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66	CLINICAL PATHOLOGY	Semen	Fructose	Seliwanoff's Test
67	CLINICAL PATHOLOGY	Semen	Immotile(d) (%)	Microscopy
68	CLINICAL PATHOLOGY	Semen	Liquefaction	Visual Examination
69	CLINICAL PATHOLOGY	Semen	No. of Sperms	Microscopy (Counting by Neubauer's Chamber)
70	CLINICAL PATHOLOGY	Semen	No. of sperms/ejaculate	Calculated
71	CLINICAL PATHOLOGY	Semen	Non-progressive(c) (%)	Microscopy
72	CLINICAL PATHOLOGY	Semen	Odour	Physical examination
73	CLINICAL PATHOLOGY	Semen	pH	pH Paper
74	CLINICAL PATHOLOGY	Semen	Rapid progressive(a) (%)	Microscopy
75	CLINICAL PATHOLOGY	Semen	Red Blood Cells	Microscopy
76	CLINICAL PATHOLOGY	Semen	Round Cells	Microscopy
77	CLINICAL PATHOLOGY	Semen	Slow progressive(b) (%)	Microscopy
78	CLINICAL PATHOLOGY	Semen	Sperm aggregates	Microscopy
79	CLINICAL PATHOLOGY	Semen	Total motility (a+b+c) (%)	Microscopy
80	CLINICAL PATHOLOGY	Semen	Total normal forms (%)	Microscopy (Rapid PAP Stain)
81	CLINICAL PATHOLOGY	Semen	Viscosity	Visual Examination
82	CLINICAL PATHOLOGY	Semen	Vitality	Eosin- Nigrosin staining & Microscopy
83	CLINICAL PATHOLOGY	Stool	Blood	Physical Examination
84	CLINICAL PATHOLOGY	Stool	Ciliates	Microscopy-Normal Saline & Lugol's Iodine
85	CLINICAL PATHOLOGY	Stool	Color	Physical Examination
86	CLINICAL PATHOLOGY	Stool	Fat Globules	Normal Saline and Lugol's Iodine and Microscopy
87	CLINICAL PATHOLOGY	Stool	Flagellates	Microscopy
88	CLINICAL PATHOLOGY	Stool	Form & Consistency	Physical Examination
89	CLINICAL PATHOLOGY	Stool	Macrophages	Microscopy
90	CLINICAL PATHOLOGY	Stool	Mucus	Microscopy
91	CLINICAL PATHOLOGY	Stool	Mucus	Physical Examination
92	CLINICAL PATHOLOGY	Stool	Occult Blood	Guaiac method
93	CLINICAL PATHOLOGY	Stool	Ova	Microscopy- Super Saturated Saline Mount
94	CLINICAL PATHOLOGY	Stool	Parasites	Microscopy
95	CLINICAL PATHOLOGY	Stool	Protozoa	Microscopy
96	CLINICAL PATHOLOGY	Stool	RBC	Microscopy
97	CLINICAL PATHOLOGY	Stool	Reaction (pH)	Chemical
98	CLINICAL PATHOLOGY	Stool	Reducing Substances	Benedict's Qualitative Method
99	CLINICAL PATHOLOGY	Stool	Undigested Particles	Microscopy
100	CLINICAL PATHOLOGY	Stool	WBC	Microscopy

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101	CLINICAL PATHOLOGY	Stool	Yeast Cells	Microscopy
102	CLINICAL PATHOLOGY	Urine	Amorphous Debris	Microscopy: Automated cuvette based imaging
103	CLINICAL PATHOLOGY	Urine	Bacteria	Microscopy
104	CLINICAL PATHOLOGY	Urine	Bacteria	Microscopy: Automated cuvette based imaging
105	CLINICAL PATHOLOGY	Urine	Bile Pigments	Diazonium Salt
106	CLINICAL PATHOLOGY	Urine	Casts	Microscopy
107	CLINICAL PATHOLOGY	Urine	Casts	Microscopy: Automated cuvette based imaging
108	CLINICAL PATHOLOGY	Urine	Color	Light scattering
109	CLINICAL PATHOLOGY	Urine	Crystals	Microscopy
110	CLINICAL PATHOLOGY	Urine	Crystals	Microscopy: Automated cuvette based imaging
111	CLINICAL PATHOLOGY	Urine	Epithelial Cells	Microscopy
112	CLINICAL PATHOLOGY	Urine	Epithelial Cells	Microscopy: Automated cuvette based imaging
113	CLINICAL PATHOLOGY	Urine	Glucose	GOD-POD
114	CLINICAL PATHOLOGY	Urine	Ketones	Legal's Test
115	CLINICAL PATHOLOGY	Urine	Leukocytes	Microscopy
116	CLINICAL PATHOLOGY	Urine	Leukocytes	Microscopy: Automated cuvette based imaging
117	CLINICAL PATHOLOGY	Urine	Nitrite	Griess Test
118	CLINICAL PATHOLOGY	Urine	Occult Blood	Peroxidase
119	CLINICAL PATHOLOGY	Urine	Pregnancy Test (HCG)	Immunochemistry Assay
120	CLINICAL PATHOLOGY	Urine	Proteins	Protein error
121	CLINICAL PATHOLOGY	Urine	Reaction	PH Indicator
122	CLINICAL PATHOLOGY	Urine	Red Blood Cells	Microscopy
123	CLINICAL PATHOLOGY	Urine	Red Blood Cells	Microscopy- cuvette based imaging
124	CLINICAL PATHOLOGY	Urine	Specific Gravity	Refractive Index
125	CLINICAL PATHOLOGY	Urine	Transparency	Light scattering
126	CLINICAL PATHOLOGY	Urine	Urobilinogen	Diazonium Salt
127	CLINICAL PATHOLOGY	Urine	Volume	Physical Examination
128	HAEMATOLOGY	Citrated Plasma	PT	Optical
129	HAEMATOLOGY	Citrated Plasma	PTT	Optical
130	HAEMATOLOGY	EDTA Whole Blood	WBC-Differential count	Absorbance and impedance method/Microscopy
131	HAEMATOLOGY	EDTA Whole Blood	Basophils %	Absorbance & Electrical Impedance/ Microscopy (Leishman Stain)
132	HAEMATOLOGY	EDTA Whole Blood	Basophils Absolute	Calculated



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133	HAEMATOLOGY	EDTA Whole Blood	Eosinophils %	Absorbance & Electrical Impedance/ Microscopy (Leishman Stain)
134	HAEMATOLOGY	EDTA Whole Blood	Eosinophils Absolute	Calculated
135	HAEMATOLOGY	EDTA Whole Blood	Erythrocyte Count	Electrical Impedance
136	HAEMATOLOGY	EDTA Whole Blood	ESR	Modified Westergren's
137	HAEMATOLOGY	EDTA Whole Blood	G6PD	Dye Decolorization
138	HAEMATOLOGY	EDTA Whole Blood	Hemoglobin	Spectrophotometry
139	HAEMATOLOGY	EDTA Whole Blood	Immature Leukocyte	Absorbance & Electrical Impedance / Microscopy
140	HAEMATOLOGY	EDTA Whole Blood	Lymphocytes %	Absorbance & Electrical Impedance/ Microscopy (Leishman Stain)
141	HAEMATOLOGY	EDTA Whole Blood	Lymphocytes Absolute	Calculated
142	HAEMATOLOGY	EDTA Whole Blood	Malarial Antigen	mmunochromatography -Plasmodium Vivax & Plasmodium Falciparum
143	HAEMATOLOGY	EDTA Whole Blood	Malarial Parasite	Thin Smear-Leishman Stain / Thick Smear- Fields stain A & B and Microscopy
144	HAEMATOLOGY	EDTA Whole Blood	MCH	Calculated
145	HAEMATOLOGY	EDTA Whole Blood	MCHC	Calculated
146	HAEMATOLOGY	EDTA Whole Blood	MCV	Calculated
147	HAEMATOLOGY	EDTA Whole Blood	Monocytes %	Absorbance & Electrical Impedance/ Microscopy (Leishman Stain)
148	HAEMATOLOGY	EDTA Whole Blood	Monocytes Absolute	Calculated
149	HAEMATOLOGY	EDTA Whole Blood	MPV	Calculated
150	HAEMATOLOGY	EDTA Whole Blood	Neutrophils %	Absorbance & Electrical Impedance/ Microscopy (Leishman Stain)
151	HAEMATOLOGY	EDTA Whole Blood	Neutrophils Absolute	Calculated
152	HAEMATOLOGY	EDTA Whole Blood	PCV/HCT	Calculated
153	HAEMATOLOGY	EDTA Whole Blood	PDW	Calculated
154	HAEMATOLOGY	EDTA Whole Blood	Platelet Count	Neubauer Chamber Counting and Microscopy
155	HAEMATOLOGY	EDTA Whole Blood	Platelet Morphology	Microscopy (Leishman Stain)
156	HAEMATOLOGY	EDTA Whole Blood	Platelets	Electrical Impedance
157	HAEMATOLOGY	EDTA Whole Blood	RBC Morphology	Microscopy
158	HAEMATOLOGY	EDTA Whole Blood	RDW-CV	Calculated
159	HAEMATOLOGY	EDTA Whole Blood	WBC-Total Count	Electrical Impedance
160	HAEMATOLOGY	Serum	HIV	Immuno-chromatography
161	HAEMATOLOGY	Serum	HIV	Immunofiltration
162	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HbsAg	ECLIA
163	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Anti HCV- Rapid	Immunofiltration

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164	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Chikungunya IgM	Immunochromatography Assay
165	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue NS1 Ag/Ab	Immunochromatography Assay
166	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HBsAg	Immunochromatography Assay
167	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HCV	ECLIA
168	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV	ECLIA
169	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Rapid Typhoid Test	Immunochromatography Assay
170	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	RPR	Slide Flocculation
171	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Widal (Salmonella Paratyphi A and B, Salmonella Typhi H and O)	Tube Agglutination