



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ORANGE HEALTH LABS - A UNIT OF ORCHARD HEALTHCARE PVT LTD, PREM TOWER, PLOT NO.4 (BASEMENT, GROUND FLOOR, FIRST FLOOR, SECOND FLOOR, THIRD FLOOR AND FORTH FLOOR), SEC-15 PART I, KIRTI NAGAR, GURGAON, HARYANA, INDIA

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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	Plasma	Glucose	GOD-POD
2	CLINICAL BIOCHEMISTRY	Serum	A/G Ratio	Calculated
3	CLINICAL BIOCHEMISTRY	Serum	Alanine Transaminase	UV Kinetic With P-5-P
4	CLINICAL BIOCHEMISTRY	Serum	Albumin	Bromocresol Green
5	CLINICAL BIOCHEMISTRY	Serum	Alkaline Phosphatase	p-Nitrophenyl Phosphate
6	CLINICAL BIOCHEMISTRY	Serum	Amylase	Dyed Amylopectin
7	CLINICAL BIOCHEMISTRY	Serum	APO A1	Immunoturbidimetry
8	CLINICAL BIOCHEMISTRY	Serum	APO B	Immunoturbidimetry
9	CLINICAL BIOCHEMISTRY	Serum	APOA1/APOB Ratio	Calculated
10	CLINICAL BIOCHEMISTRY	Serum	Aspartate Transaminase	UV Kinetic With P-5-P
11	CLINICAL BIOCHEMISTRY	Serum	BUN Creatinine Ratio	Calculated
12	CLINICAL BIOCHEMISTRY	Serum	BUN Urea Nitrogen (BUN)	Calculated
13	CLINICAL BIOCHEMISTRY	Serum	Calcium	Arsenazo III
14	CLINICAL BIOCHEMISTRY	Serum	Chloride	Direct ISE
15	CLINICAL BIOCHEMISTRY	Serum	Conjugated /Direct Bilirubin	Calculated
16	CLINICAL BIOCHEMISTRY	Serum	C-Reactive Protein (CRP)	Sandwich Immunoassay
17	CLINICAL BIOCHEMISTRY	Serum	Creatinine	Creatinine Amidohydrolase
18	CLINICAL BIOCHEMISTRY	Serum	eGFR	Calculated
19	CLINICAL BIOCHEMISTRY	Serum	Ferritin	CLIA
20	CLINICAL BIOCHEMISTRY	Serum	Follicle Stimulating Hormone	CLIA
21	CLINICAL BIOCHEMISTRY	Serum	Free Thyroxine (FT4)	CLIA
22	CLINICAL BIOCHEMISTRY	Serum	Free Triiodothyronine (FT3)	CLIA
23	CLINICAL BIOCHEMISTRY	Serum	Gamma Glutamyl transferase (GGT)	SZAZ Carboxylated Substrate
24	CLINICAL BIOCHEMISTRY	Serum	Globulin	Calculated
25	CLINICAL BIOCHEMISTRY	Serum	HDL/LDL Ratio	Calculated
26	CLINICAL BIOCHEMISTRY	Serum	High Density Lipoprotein (HDL)	Cholesterol Esterase/Cholesterol Oxidase/Peroxidase
27	CLINICAL BIOCHEMISTRY	Serum	High Sensistive CRP	Immunoturbidimetry
28	CLINICAL BIOCHEMISTRY	Serum	Human Chorionic Gonadotropin (HCG)	CLIA
29	CLINICAL BIOCHEMISTRY	Serum	Immunoglobulin E (IgE)	Immunoturbidimetry



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30	CLINICAL BIOCHEMISTRY	Serum	Insulin(Fasting,Postprandial,Random)	CLIA
31	CLINICAL BIOCHEMISTRY	Serum	Iron	Pyridyl Azo
32	CLINICAL BIOCHEMISTRY	Serum	Lactate Dehydrogenase	Pyruvate to Lactate
33	CLINICAL BIOCHEMISTRY	Serum	LDL Cholesterol	Calculated
34	CLINICAL BIOCHEMISTRY	Serum	LDL:HDL RATIO	Calculated
35	CLINICAL BIOCHEMISTRY	Serum	LH/FSH Ratio	Calculated
36	CLINICAL BIOCHEMISTRY	Serum	Lipase	Two-point rate with Co-lipase
37	CLINICAL BIOCHEMISTRY	Serum	Low Density Lipoprotein	Cholesterol Esterase, Cholesterol Oxidase and Catalase
38	CLINICAL BIOCHEMISTRY	Serum	Luteinizing Hormone	CLIA
39	CLINICAL BIOCHEMISTRY	Serum	Magnesium	Formazan Dye
40	CLINICAL BIOCHEMISTRY	Serum	Non-HDL Cholesterol	Calculated
41	CLINICAL BIOCHEMISTRY	Serum	Phosphorus	Phosphomolybdate Formation
42	CLINICAL BIOCHEMISTRY	Serum	Potassium	Direct ISE
43	CLINICAL BIOCHEMISTRY	Serum	Progesterone	CLIA
44	CLINICAL BIOCHEMISTRY	Serum	Prolactin	CLIA
45	CLINICAL BIOCHEMISTRY	Serum	Rheumatoid Factor	Immunoturbidimetry
46	CLINICAL BIOCHEMISTRY	Serum	SGOT/SGPT-Ratio	Calculated
47	CLINICAL BIOCHEMISTRY	Serum	Sodium	Direct ISE
48	CLINICAL BIOCHEMISTRY	Serum	Testosterone Total	CLIA
49	CLINICAL BIOCHEMISTRY	Serum	Thyroid Stimulating Hormone (TSH)	CLIA
50	CLINICAL BIOCHEMISTRY	Serum	Total Bilirubin	DSA
51	CLINICAL BIOCHEMISTRY	Serum	Total Cholesterol	CHOD-POD
52	CLINICAL BIOCHEMISTRY	Serum	Total Cholesterol/ HDL Cholesterol Ratio	Calculated
53	CLINICAL BIOCHEMISTRY	Serum	Total Iron Binding Capacity	Immunoturbidimetric - Chromazurol B
54	CLINICAL BIOCHEMISTRY	Serum	Total Prostate Specific Antigen (tPSA)	CLIA
55	CLINICAL BIOCHEMISTRY	Serum	Total Protein	Biuret
56	CLINICAL BIOCHEMISTRY	Serum	Total Thyroxine (TT4)	CLIA
57	CLINICAL BIOCHEMISTRY	Serum	Total Triiodothyronine (TT3)	CLIA
58	CLINICAL BIOCHEMISTRY	Serum	Triglyceride	GPO-POD



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59	CLINICAL BIOCHEMISTRY	Serum	Unconjugated/Indirect Bilirubin	Dual Wavelength - Diazo (Reflectance Spectrophotometry)
60	CLINICAL BIOCHEMISTRY	Serum	Urea	Urease
61	CLINICAL BIOCHEMISTRY	Serum	Uric Acid	Uricase
62	CLINICAL BIOCHEMISTRY	Serum	Vitamin B12	CLIA
63	CLINICAL BIOCHEMISTRY	Serum	Vitamin D	CLIA
64	CLINICAL BIOCHEMISTRY	Serum	VLDL Cholesterol	Calculated
65	CLINICAL BIOCHEMISTRY	Serum/Plasma	HOMA IR	Calculated
66	CLINICAL BIOCHEMISTRY	Urine	Protein	Biuret
67	CLINICAL BIOCHEMISTRY	Urine	Protein/Creatinine ratio	Calculated
68	CLINICAL BIOCHEMISTRY	Urine 24 hours	Chloride	Direct ISE
69	CLINICAL BIOCHEMISTRY	Urine 24 hours	Creatinine	Creatinine Amidohydrolase
70	CLINICAL BIOCHEMISTRY	Urine 24 hours	Microalbumin	Immunoturbidimetry
71	CLINICAL BIOCHEMISTRY	Urine 24 hours	Potassium	Direct ISE
72	CLINICAL BIOCHEMISTRY	Urine 24 hours	Sodium	Direct ISE
73	CLINICAL BIOCHEMISTRY	Urine 24 hours	Uric Acid	Uricase
74	CLINICAL BIOCHEMISTRY	Urine Sample	Creatinine	Creatinine Amidohydrolase
75	CLINICAL BIOCHEMISTRY	Urine Sample	Microalbumin	Immunoturbidimetry
76	CLINICAL BIOCHEMISTRY	Urine Sample	Microalbumin Creatinine Ratio	Calculated
77	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Calcium	Arzenazo Method
78	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Chloride	Direct ISE
79	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Creatinine	Creatinine Amidohydrolase
80	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Phosphorus	Phosphomolybdate Formation
81	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Potassium	Direct ISE
82	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Sodium	Direct ISE
83	CLINICAL BIOCHEMISTRY	Urine Spot Sample	Uric Acid	Uricase
84	CLINICAL BIOCHEMISTRY	Whole Blood	Glycosylated Haemoglobin	HPLC
85	CLINICAL BIOCHEMISTRY	Whole Blood	Mean Blood Glucose	Calculated
86	CLINICAL PATHOLOGY	Stool	Blood	Manual
87	CLINICAL PATHOLOGY	Stool	Color	Physical
88	CLINICAL PATHOLOGY	Stool	Consistency	Physical



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89	CLINICAL PATHOLOGY	Stool	Cyst	Microscopy/ Concentration Method (Wet Mount, Saline and Lugol's Iodine):
90	CLINICAL PATHOLOGY	Stool	Epithelial Cells	Microscopy
91	CLINICAL PATHOLOGY	Stool	Mucus	Manual
92	CLINICAL PATHOLOGY	Stool	Occult Blood	Guaiac Method
93	CLINICAL PATHOLOGY	Stool	Ova	Microscopy/ Concentration Method (Wet Mount and Lugol's Iodine)
94	CLINICAL PATHOLOGY	Stool	pH	pH Paper
95	CLINICAL PATHOLOGY	Stool	Pus Cells	Microscopy
96	CLINICAL PATHOLOGY	Stool	RBCs	Microscopy
97	CLINICAL PATHOLOGY	Stool	Reducing Substances	Benedict's Method
98	CLINICAL PATHOLOGY	Urine	Appearance	Physical
99	CLINICAL PATHOLOGY	Urine	Bacteria	Microscopy
100	CLINICAL PATHOLOGY	Urine	Bilirubin	Azo-Coupling; Fouchet's Test
101	CLINICAL PATHOLOGY	Urine	Blood	Peroxidase Activity
102	CLINICAL PATHOLOGY	Urine	Casts(Granular and Hyaline Casts)	Microscopy
103	CLINICAL PATHOLOGY	Urine	Color	Physical
104	CLINICAL PATHOLOGY	Urine	Crystals(Uric Acid,Ammorphous Urate,Ammorphous Phosphates,Calcium Oxalate)	Microscopy
105	CLINICAL PATHOLOGY	Urine	Epithelial Cells	Microscopy
106	CLINICAL PATHOLOGY	Urine	Glucose	GOD-POD; Benedicts Test
107	CLINICAL PATHOLOGY	Urine	Granular Cast	Microscopy
108	CLINICAL PATHOLOGY	Urine	Ketones	Nitroprusside Test
109	CLINICAL PATHOLOGY	Urine	Leukocytes Esterase	Granulocyte Esterase Method
110	CLINICAL PATHOLOGY	Urine	Mucus	MICROSCOPY
111	CLINICAL PATHOLOGY	Urine	Nitrite	Griess Method
112	CLINICAL PATHOLOGY	Urine	Parasites	Microscopy
113	CLINICAL PATHOLOGY	Urine	pH	Double Indicator Method
114	CLINICAL PATHOLOGY	Urine	Phosphate Crystals	Microscopy
115	CLINICAL PATHOLOGY	Urine	Protein	Protein Error of pH Indicator; SSA Test



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116	CLINICAL PATHOLOGY	Urine	Pus Cells	Microscopy
117	CLINICAL PATHOLOGY	Urine	RBCs	Microscopy
118	CLINICAL PATHOLOGY	Urine	Specific Gravity	Refractive Index
119	CLINICAL PATHOLOGY	Urine	Urobilinogen	Azo-Coupling Method; Ehrlich's Test
120	CLINICAL PATHOLOGY	Urine	Volume	Physical
121	CLINICAL PATHOLOGY	Urine	Yeast	Microscopy
122	HAEMATOLOGY	Citrate Plasma	APTT	Opto Mechanical
123	HAEMATOLOGY	Serum	Indirect Coomb's Test	Gel Column Agglutination
124	HAEMATOLOGY	Serum	Rh Antibody Test	Gel Column Agglutination
125	HAEMATOLOGY	Whole Blood	Absolute Basophil Count	Calculated
126	HAEMATOLOGY	Whole Blood	Absolute Eosinophil Count	Calculated
127	HAEMATOLOGY	Whole Blood	Absolute Lymphocyte Count	Calculated
128	HAEMATOLOGY	Whole Blood	Absolute Monocyte Count	Calculated
129	HAEMATOLOGY	Whole Blood	Absolute Neutrophils Count	Calculated
130	HAEMATOLOGY	Whole Blood	Basophils	Flow Cytometry / Leishman Staining and Microscopy
131	HAEMATOLOGY	Whole Blood	Blood Grouping & Rh Typing (Reverse & Forward)	Gel Column Agglutination
132	HAEMATOLOGY	Whole Blood	Direct Coomb's Test	Agglutination
133	HAEMATOLOGY	Whole Blood	Eosinophils	Flow Cytometry / Leishman Staining and Microscopy
134	HAEMATOLOGY	Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Quantitative Capillary Photometry
135	HAEMATOLOGY	Whole Blood	Haematocrit	DC Impedance Method
136	HAEMATOLOGY	Whole Blood	Haemoglobin (Hb)	Non-Cyanide SLS Method
137	HAEMATOLOGY	Whole Blood	Lymphocytes	Flow Cytometry / Leishman Staining and Microscopy
138	HAEMATOLOGY	Whole Blood	Malaria Antigens Pf/ Pan (HRP-II Specific to Plasmodium Falciparum and pLDH Specific to Plasmodium Vivax)	Lateral Flow Chromatography
139	HAEMATOLOGY	Whole Blood	Mean Corpuscular Haemoglobin (MCH)	Electric Impedance
140	HAEMATOLOGY	Whole Blood	Mean Corpuscular Haemoglobin Concentration (MCHC)	Electric Impedance



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141	HAEMATOLOGY	Whole Blood	Mean Corpuscular Volume (MCV)	Electric Impedance
142	HAEMATOLOGY	Whole Blood	Mean Platelet Volume (MPV)	Electric Impedance
143	HAEMATOLOGY	Whole Blood	Mentzer Index	Calculated
144	HAEMATOLOGY	Whole Blood	Monocytes	Flow Cytometry / Leishman Staining and Microscopy
145	HAEMATOLOGY	Whole Blood	Neutrophil Leucocyte Ratio(NLR)	Calculated
146	HAEMATOLOGY	Whole Blood	Neutrophils	Flow Cytometry / Leishman Staining and Microscopy
147	HAEMATOLOGY	Whole Blood	Peripheral Smear	Leishman Staining and Microscopy
148	HAEMATOLOGY	Whole Blood	Peripheral Smear For Malaria Parasite (Thick and Thin)	Leishman Staining and Microscopy
149	HAEMATOLOGY	Whole Blood	Platelet Count	DC Impedance method
150	HAEMATOLOGY	Whole Blood	Platelet Haematocrit	Calculated
151	HAEMATOLOGY	Whole Blood	RBC Count	DC Impedance method
152	HAEMATOLOGY	Whole Blood	RDW-CV	Electric Impedance
153	HAEMATOLOGY	Whole Blood	Reticulocyte Count	Methylene Blue Staining and Manual Microscopy
154	HAEMATOLOGY	Whole Blood	Sehgal Index	Calculated
155	HAEMATOLOGY	Whole Blood	WBC Count	Flowcytometry
156	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Anti-Hepatitis C Virus	ECLIA
157	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Chikungunya IgG/IgM	Immunochromatography
158	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue IgG	ELISA
159	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue IgM	ELISA
160	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue NS1	ELISA
161	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Hepatitis B Surface Antigen	CLIA
162	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Hepatitis B Surface Antigen	Immunochromatography
163	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Hepatitis C Virus Antibody	Immunochromatography



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164	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Syphilis Rapid Test (IgG & IgM)	Immunochemistry
165	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	TPHA Test	Lateral Flow Chromatography
166	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Typhoid IgG/IgM Test	Immunochemistry