



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

DEPARTMENT OF LABORATORY SERVICES, I3T ADVANCED DIAGNOSTIC CENTER (A UNIT OF PRADIP AND KUMKUM GHOSH FAMILY FOUNDATION), DH-6/24, 317, DH BLOCK, ACTION AREA 1D, NEWTOWN, 24 PARAGANAS NORTH, KOLKATA, WEST BENGAL, INDIA

**Accreditation Standard**

ISO 15189:2012

**Certificate Number**

MC-4654

**Page No**

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**Validity**

27/08/2021 to 26/08/2023

**Last Amended on**

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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	Hexokinase
2	CLINICAL BIOCHEMISTRY	Serum	Protein	Biuret
3	CLINICAL BIOCHEMISTRY	Serum	Albumin	Bromcresol Green
4	CLINICAL BIOCHEMISTRY	Serum	Alkaline Phosphatase	IFCC, AMP Buffer
5	CLINICAL BIOCHEMISTRY	Serum	ALT/SGPT	IFCC
6	CLINICAL BIOCHEMISTRY	Serum	AST/SGOT	IFCC
7	CLINICAL BIOCHEMISTRY	Serum	Bilirubin Total	DPD
8	CLINICAL BIOCHEMISTRY	Serum	Calcium	Arsenazo III
9	CLINICAL BIOCHEMISTRY	Serum	Chloride	ISE Direct
10	CLINICAL BIOCHEMISTRY	Serum	Cholesterol	CHO-POD
11	CLINICAL BIOCHEMISTRY	Serum	Creatinine	Enzymatic
12	CLINICAL BIOCHEMISTRY	Serum	HDL	Enzymatic Immunoinhibition
13	CLINICAL BIOCHEMISTRY	Serum	Potassium	ISE Direct
14	CLINICAL BIOCHEMISTRY	Serum	Sodium	ISE Direct
15	CLINICAL BIOCHEMISTRY	Serum	Triglyceride	GPO-POD
16	CLINICAL BIOCHEMISTRY	Serum	TSH	Chemiluminescence
17	CLINICAL BIOCHEMISTRY	Serum	Urea	GLDH, Kinetic Assay
18	CLINICAL BIOCHEMISTRY	Serum	Uric Acid	Uricase PAP
19	CLINICAL PATHOLOGY	Urine	Bilirubin Total	Dipstick(Diazotized Dichloraniline)
20	CLINICAL PATHOLOGY	Urine	Blood(Haemoglobin)	Dipstick(Pseudo-Peroxidase Reaction)



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21	CLINICAL PATHOLOGY	Urine	Glucose	Dipstick(Double Sequential enzyme reaction)
22	CLINICAL PATHOLOGY	Urine	Ketone Bodies	Dipstick(Reaction of acetoacetic acid with nitroprusside)
23	CLINICAL PATHOLOGY	Urine	Leukocyte	Dipstick(Colour Changing Method from beige to pink)
24	CLINICAL PATHOLOGY	Urine	pH	Dipstick(Double indicator method)
25	CLINICAL PATHOLOGY	Urine	Specific Gravity	Dipstick(pKa change of certain pretreated polymeric ion exchange resin)
26	CLINICAL PATHOLOGY	Urine	Urinary Protein Total	Dipstick(Change of the indicator tetrabromphenol blue)
27	CLINICAL PATHOLOGY	Urine	Urobilinogen	Dipstick(Coupling of urobilinogen with diazotized p-mythoxyaniline)
28	HAEMATOLOGY	EDTA Blood	Basophil	Microscopy
29	HAEMATOLOGY	EDTA Blood	Basophil	VCSn Technology
30	HAEMATOLOGY	EDTA Blood	Eosinophil	Microscopy
31	HAEMATOLOGY	EDTA Blood	Eosinophil	VCSn Technology
32	HAEMATOLOGY	EDTA Blood	ESR	Westergren method
33	HAEMATOLOGY	EDTA Blood	Haemoglobin	Spectrophotometry



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34	HAEMATOLOGY	EDTA Blood	Lymphocyte	Microscopy
35	HAEMATOLOGY	EDTA Blood	Lymphocyte	VCSn Technology
36	HAEMATOLOGY	EDTA Blood	MCH	Calculated
37	HAEMATOLOGY	EDTA Blood	MCHC	Calculated
38	HAEMATOLOGY	EDTA Blood	MCV	Electrical Impedance
39	HAEMATOLOGY	EDTA Blood	Monocyte	Microscopy
40	HAEMATOLOGY	EDTA Blood	Monocyte	VCSn Technology
41	HAEMATOLOGY	EDTA Blood	Neutrophil	Microscopy
42	HAEMATOLOGY	EDTA Blood	Neutrophil	VCSn Technology
43	HAEMATOLOGY	EDTA Blood	PCV (HCT)	Calculated
44	HAEMATOLOGY	EDTA Blood	Platelet	Electrical Impedance
45	HAEMATOLOGY	EDTA Blood	RBC	Electrical Impedance
46	HAEMATOLOGY	EDTA Blood	WBC	Electrical Impedance
47	HAEMATOLOGY	EDTA Blood (thick and thin)	PBS for Malarial parasite	Microscopy: Leishman's stain
48	MOLECULAR TESTING	Blood	HCV RNA Qualitative	Real Time RT PCR (open system)