GLOBAL ACCEPTANCE

BAB

BANGLADESH ACCREDITATION BOARD

ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Pathological Laboratory, Labaid Limited

House#3/1, Road#04,

Dhanmondi, Dhaka, Bangladesh

This is to certify that this

Medical Laboratory

is accredited in accordance with the international standard

ISO 15189:2022

in respect of the associated scope, subject to the terms and conditions governing the relevant conformity assessment body (CAB) accreditation.

CERT. NO. 03.002.17

BAB

BANGLADESH ACCREDITATION BOARD
Accredited for ISO 15189:2022

Certificate Number	:	**03.002.17**
Accreditation Date	:	**11 July 2017**
Date of Issuance	:	**04 December 2025 (3rd Renewal)**
Date of Expiration	:	**10 July 2027**

GLOBAL BAB ACCREDITED ACCEPTANCE

A. Z. M. Islam.
04. 12. 2025

Mohd. Aminul Islam
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

BANGLADESH ACCREDITATION BOARD (BAB)

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SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: **Pathological Laboratory**, Labaid Limited
House# 3/1, Road# 04, Dhanmondi, Dhaka, Bangladesh

Accreditation Standard: ISO 15189:2022 **Accreditation Date:** 11 July 2017
Certificate Number: 03.002.17 **Issued on:** 04 December 2025
Last Amended on: - **Valid until:** 10 July 2028
Amendment no: -

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Clinical Biochemistry				
01	Blood (Serum)	Serum Albumin	Bromocresol purple (BCP) method	6 - 80 g/L
02	Blood (Serum)	Serum Cholesterol	Cholesterol oxidase, esterase, peroxidase method	50 - 600 mg/dL
03	Blood (Serum)	Serum Triglyceride	Enzymatic (LPL) method	15 - 1000 mg/dL
04	Blood (Serum)	Serum HDL	Direct Measure - PEG Method	3 - 150 mg/dL
05	Blood (Serum)	Serum Creatinine	Modified kinetic Jaffe technique	13 - 1768 µmol/L
06	Blood (Plasma)	Plasma Glucose	Hexokinase method	0 - 27.8 mmol/L
07	Blood (Serum)	Total Protein, Globulin and A/G ratio	Modified Biuret reaction	20 - 120 g/L
08	Blood (Serum)	BUN / Urea	Urease/glutamate dehydrogenase coupled enzymatic method	0 - 53.5 mmol/L
09	Serum	Serum Calcium	Modified Calcium O-Cresolphthalein Complexone reaction (OCPC)	1.25 – 3.75 mmol/L
10	Serum	Serum Magnesium	Modified Methylthymol blue	0 – 8.22 mmol/L
11	Serum	Serum Phosphate	Modified Phosphomolybdate method	0.16 – 2.91 mmol/L
12	Serum	Serum Uric Acid	Modified Uricase method	0 – 1190 µmol/L
13	Serum	Serum Iron	Chemical method	5 – 1000 µg/dL
14	Serum	Serum TIBC	Chemical method	36 – 1000 µg/dL
15	Serum	Serum Amylase	Chemical method	0 – 650 U/L
16	Serum	ALP	Chemical method	10 - 1000 U/L
17	Serum	ALT	Chemical method	6-1000 U/L
18	Serum	AST	Chemical method	0 - 1000 U/L
19	Serum	TBIL	Modified diazo method	2 - 428 µmol/L
20	Serum	DBIL	Modified diazo method	0.86 – 274 µmol/L
21	Serum	CK	IFCC	7 - 1000 U/L
22	Plasma	Na^+	Integrated Multisensor Technology (IMT)	50 – 200 mmol/L
23	Plasma	K^+	Integrated Multisensor Technology (IMT)	1 – 10 mmol/L
24	Plasma	Cl^-	Integrated Multisensor Technology (IMT)	50 – 200 mmol/L
25	Serum	Lipase	Chemical method: Hydrolysis	10 - 1500 U/L

Quality Manager

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26	Serum	Gamma Glutamyl Transferase (GGT)	Chemical recommended by IFCC	0-800 U/L
27	Serum	Lactate dehydrogenase (LDH)	IFCC	6-1000 U/L
28	Serum	Lithium	Colorimetry	0.20 - 5.00 mmol/L
29	Serum	C-Reactive Protein (CRP)	Particle Enhanced Turbidimetric Immunoassay	0.5-250 mg/L
30	Serum	Creatinine Kinase MB (CKMB)	Modified International Federation of Clinical Chemistry (IFCC) Creatine Kinase (CK) primary reference 37°C procedure	3 - 125 U/L
31	Serum	Lactate	Modified Marbach and Weil method (Lactate Dehydrogenase method)	1.8 – 140 mg/L
32	Plasma	Ammonia	Enzymatic Method, with glutamate dehydrogenase	10 - 700 µmol/L
33	Serum	Valporic Acid	Homogeneous enzyme immunoassay	2.4-150 µg/ml
34	Serum	Antistreptolysin O (ASO)	Immunoturbidimetric assay (ITA)	20 - 600 IU/mL
35	Serum	Cardiac Troponin I (CTNI)	Chemiluminescent Immunoassay based on LOCI technology.	0.017 - 40 ng/mL
36	Serum	Carbamazepine	Kinetic Interaction of Microparticles in a Solution (KIMS)	2 - 20.0 µg/ml
37	Whole blood	HbA1C	Capillary	3.7-17.4 %
Field: Immunology				
38	Serum	TSH	Direct Chemiluminometric Technology	0.010 – 150 µIU/mL
39	Serum	T3	Direct Chemiluminescent Technology	0.1 – 8.0 ng/dL
40	Serum	T4	Direct Chemiluminescent Technology	0.6 – 30 µg/dL
41	Serum	FT3	Direct Chemiluminescent Technology	0.2 – 20 pg/mL
42	Serum	FT4	Direct Chemiluminescent Technology	0.14 – 12.0 ng/dL
43	Serum	Cortisol	Direct Chemiluminescent	0.20 – 75 µg/dL

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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			Technology	
44	Serum	FSH	Direct Chemiluminometric Technology	0.3 - 200 IU/L
45	Serum	LH	Direct Chemiluminometric Technology	0.07 - 200 IU/L
46	Serum	PRL	Direct Chemiluminometric Technology	0.3 - 200 ng/mL
47	Serum	TES	Direct Chemiluminometric Technology	0.35 – 52.1 nmol/L
48	Serum	E2	Direct Chemiluminometric Technology	11.8 – 3000 pg/mL
49	Serum / Plasma	PTH	Direct Chemiluminometric Technology	4.6 - 2000 pg/mL
50	Serum	HCG	Direct Chemiluminometric Technology	2.0 – 1000 mIU/mL
51	Serum	PRG	Direct Chemiluminometric Technology	0.21 – 60 ng/mL
52	Serum	CA125	Direct Chemiluminescence	2 – 600 U/mL
53	Serum	CA15.3	Direct Chemiluminescence	0.50–200 U/ml
54	Serum	CA19.9	Direct Chemiluminometric Technology	1.2 – 700 U/mL
55	Serum	CEA	Direct Chemiluminescence	0.5 – 100 U/mL
56	Serum	AFP	Chemiluminescence Immunoassay (CLIA)	1.3 - 1000 ng/ml
57	Serum	Ferritin	Direct Chemiluminescence Immunoassay.	0.5-1650 ng/ml
58	Serum	IgE	Direct Chemiluminescence Immunoassay	1.5-3000 IU/ml
59	Serum	Vitamin D	Direct Chemiluminescence Immunoassay	4.2-150 ng/ml
60	Serum	Growth Hormone	Chemiluminescence Immunoassay (CLIA).	Up to 80 ng/mL.
61	Serum	AMH	Chemiluminescence Immunoassay	0.1–25.0 ng/mL
62	Serum	Vitamin B12	Electrochemiluminescence Immunoassay (ECLIA)	50.0 - 2000 pg/ml
63	Serum	Folate	Electrochemiluminescence Immunoassay (ECLIA).	0.6 - 20.0 ng/ml

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64	Whole Blood (Plasma)	ACTH	Chemiluminescent Immunometric Assay	5 – 1250 pg/mL.
Field: Serology				
65	Serum	HBc Total	Direct Chemiluminescence Immunoassay	0.07 – 8.0 Index
66	Serum	Anti HBs	Direct Chemiluminescence Immunoassay	1 – 1000 Index
67	Serum	HBs Ag	Direct Chemiluminescence Immunoassay	0.1 – 1000 Index
68	Serum	Anti HCV	Direct Chemiluminescence immunoassay	0.0 – 11.0 Index
69	Serum	Anti- HIV 1/2	Direct Chemiluminescence Immunoassay	0.05 – 50.0 Index
70	Plasma	NT pro BNP	Chemiluminescence Immunoassay	20 – 35,000 pg/mL
71	Serum	RA	Immunoturbidimetric Assay	10-130 IU/ml
72	Serum	TPHA	Direct Chemiluminescence	0.01-100 ng/ml
Field: Haematology & Coagulation				
73	Whole blood	CBC with ESR	Westergren/ Capillary Method	N/A
74	Whole blood	RET	Florescence Flow Cytometry	N/A
75	B. Fluid	Body Fluid	Microscopic Method	N/A
76	Plasma (Sodium Citrate)	Prothrombin Time (PT)	Viscosity Based (Mechanical) Detection System (VBDS).	10 – 180 Seconds
77	Plasma (Sodium Citrate)	APTT	Viscosity Based (Mechanical) Detection System (VBDS)	20 – 140 Seconds
78	Plasma (Sodium Citrate)	D-dimer	Immunoturbidimetric assay	0.27 – 20 µg/ml (FEU)
79	Plasma (Sodium Citrate)	Fibrinogen	Viscosity Based (Mechanical) Detection System (VBDS)	40 – 1200 mg/dl
Field: Clinical Pathology				
80	Urine	Urine for R/M/E	Microscopic Method	N/A

END

Quality Manager