



ACCREDITATION CERTIFICATE

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

Laboratory Services, Khwaja Yunus Ali Medical College & Hospital

Enayetpur, Chauhali

Sirajganj-6751, Bangladesh

This is to certify that this

Medical Laboratory

is accredited in accordance with the international standard

ISO 15189:2012

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

Certificate Number : 03.005.22
Accreditation Date : 28 December 2022
Date of Issuance : 30 January 2025
Date of Expiration : 27 December 2025



[Signature]
30.01.2025
Md. Anwarul Alam
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.

SCOPE OF ACCREDITATION

CAB Name & Address: Laboratory services, Khwaja Yunus Ali Medical College and Hospital

Enayetpur, Chauhali, Sirajganj-6751, Bangladesh

Accreditation Standard: ISO 15189:2012

Accreditation Date:

28 December 2022

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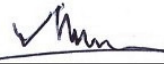
Last Amended on: 30 January 2025

Valid until:

27 December 2025

Amendment no : 01

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 Hematology				
01	Blood (Whole blood)	Complete Blood Count (CBC)	Optical impedance and Optical Flow Cytometry (Sysmex XN-1000).	WBC:0.0-440×10 ³ /μL RBC:0.0-8.6×10 ⁶ / μL HGB:0.0-26.0 g/dL HCT:0.0-75.0% PLT:0.0-5000X10 ³ / μL
Field: Clinical Biochemistry				
02	Blood (Serum)	Glucose	Hexokinase in Beckman Coulter AU 480 & DxC 700 AU.	0.6 - 45.0 mmol/L
03	Blood (Serum)	Bilirubin (Total)	DPD in Beckman Coulter AU 480 & DxC 700 AU.	0.5 - 513 μmol/L
04	Blood (Serum)	ALT (SGPT)	IFCC (without Pyridoxal Phosphate Activation in Beckman Coulter AU 480 & DxC 700 AU.	3 - 500 U/L
05	Blood (Serum)	Alkaline Phosphatase	IFCC AMP Buffer in Beckman Coulter AU 480 & DxC 700 AU.	5-1500 U/L
06	Blood (Serum)	Urea	GLDH, Kinetic Assay in Beckman Coulter AU 480 & DxC 700 AU.	0.8-50 mmol/L
07	Blood (Serum)	Creatinine	Modified Jaffe, Kinetic in Beckman Coulter AU 480 & DxC 700 AU.	18-2200 μmol/L
08	Blood (Serum)	Total Cholesterol	CHO-POD in Beckman Coulter AU 480 & DxC 700 AU.	0.5–18.0 mmol/L
09	Blood (Serum)	HDL Cholesterol	Enzymatic Immuno Inhibition in Beckman Coulter AU 480 & DxC 700 AU.	0.05-4.65 mmol/L
10	Blood (Serum)	LDL Cholesterol	Enzymatic Selective Protection in Beckman Coulter AU 480 & DxC 700 AU.	0.26 - 10.3 mmol/L
11	Blood (Serum)	Triglycerides	GPO-POD in Beckman Coulter AU 480 & DxC 700 AU.	0.1–11.3 mmol/L
12	Blood (Serum)	Sodium (Na ⁺)	ISE-Crown-Ether Membrane in Beckman Coulter AU 480 & DxC 700	50 - 200 mmol/L


Quality Manager

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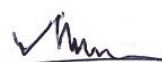
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			AU.	
13	Blood (Serum)	Potassium (K ⁺)	ISE-Crown-Ether Membrane in Beckman Coulter AU 480 & DxC 700 AU.	1.0 - 10.0 mmol/L
14	Blood (Serum)	Chloride (Cl ⁻)	ISE-Oriented PVC Membrane in Beckman Coulter AU 480 & DxC 700 AU.	50 - 200 mmol/L
15	Blood (Serum)	Bicarbonate (HCO ₃ ⁻)	Enzymatic PEP-MD in Beckman Coulter AU 480 & DxC 700 AU.	2 - 45 mmol/L
16	Blood (Serum)	Total Protein	Biuret in Beckman Coulter AU 480 & DxC 700 AU.	30 - 120 g/L
17	Blood (Serum)	Albumin	Bromocresol Green (BCG) in Beckman Coulter AU 480 & DxC 700 AU.	15 - 60 g/L
18	Blood (Serum)	Calcium	Arsenazo III in Beckman Coulter AU 480 & DxC 700 AU.	1 - 5.0 mmol/L
19	Blood (Serum)	AST	IFCC (Without P-5-P activation) in Beckman Coulter AU 480 & DxC 700 AU.	3- 1000 U/L
20	Blood (Serum)	Uric Acid	Uricase in Beckman Coulter AU 480 & DxC 700 AU.	89 – 1785 µmol/L
21	Urine	Urinalysis	Chemical Analysis by Reflectance photometer in LabUMat 2.	pH (5.0 – 9.0) Protein (Nill to +++) Glucose (Nill to +++) Ketones (Nill to +++) Specific gravity (1.000–1.030)

END


Quality Manager