

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Bahrain Medical Laboratory

Flat 1 Building 50, Road 2901, Block 329,

Salmaniya, Kingdom of Bahrain

has been assessed and accredited in accordance with the Standard
ISO 15189:2022

“Medical Laboratories - Requirements for Quality and Competence”
In the field of
Medical Testing

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued compliance to the above standard & any other requirements specified by QAI.



QAI/CIA/ML/2025/0029

Valid from: 19 June 2025

Valid until: 18 June 2027

A handwritten signature in black ink, appearing to read 'Bhupendra'.

A handwritten signature in black ink, appearing to read 'Vikram'.

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in



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Clinical Biochemistry			
Sl. No.	Type of Sample Examined/ Tested	Tested Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Serum	Albumin	Colorimetric Bromocresol Green
2.		Alkaline Phosphatase	PNPP-AMP Colorimetric acc.to IFCC
3.		ALT (SGPT)	Enzymatic colorimetric, NADH
4.		Amylase, Total	Enzymatic colorimetric acc. to IFCC.
5.		AST (SGOT)	Enzymatic colorimetric, NADH
6.		Bicarbonate	PEP Carboxylase
7.		Bilirubin, Direct	Colorimetric Dichlorophenyl Diazonium, Jendrassik Grof Method
8.		Bilirubin, Total	Colorimetric Dichlorophenyl Diazonium
9.		Calcium	NM-BAPTA
10.		Chloride	ISE - Indirect
11.		Cholesterol	Enzymatic colorimetric, Chol. Oxidase
12.		CK, Total	NADPH, UV-Test
13.		Creatinine	Kinetic Colorimetric, Jaffe's
14.		GGT	Enzymatic colorimetric acc. to IFCC.
15.	Serum/Plasma	Glucose	Enzymatic, Hexokinase

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



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Sl. No.	Type of Sample Examined/ Tested	Tested Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
16.	Serum	HDL-Cholesterol	Homogeneous Enzymatic colorimetric
17.		Iron	FerroZine
18.		LD (LDH)	L to P, UV-Assay
19.		Magnesium	Colorimetric End-Point
20.		Phosphate, Inorganic	Phosphomolybdate End-Point
21.		Potassium	ISE - Indirect
22.		Protein, Total	Colorimetric, Biuret reaction
23.		Sodium	ISE - Indirect
24.		Trig Total	Enzymatic colorimetric
25.		UIBC	Colorimetric, FerroZine
26.		Urea	Urease Kinetic
27.		Uric Acid (Urate)	Enzymatic colorimetric, Uricase peroxidase
28.		Zinc	Colorimetric without deproteinization
29.		AFP	ECLIA
30.		CA 125	ECLIA



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31.	Serum	CA 15-3	ECLIA
32.		CA 19-9	ECLIA
33.		CEA	ECLIA
34.		Cortisol	ECLIA
35.		DHEA-S	ECLIA
36.		Ferritin	ECLIA
37.		Folate	ECLIA
38.		FSH	ECLIA
39.		HCG+β	ECLIA
40.		IgE	ECLIA
41.		Insulin	ECLIA
42.		LH	ECLIA
43.		Estradiol	ECLIA
44.		Progesterone	ECLIA
45.		Prolactin	ECLIA



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Sl. No.	Type of Sample Examined/ Tested	Tested Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
46.	Serum	PSA, Free	ECLIA
47.		PSA, Total	ECLIA
48.		Parathyroid hormone	ECLIA
49.		Sex Hormone Binding Globulin (SHBG)	ECLIA
50.		Free T3	ECLIA
51.		Free T4	ECLIA
52.		Testosterone	ECLIA
53.		TSH	ECLIA
54.		Vitamin B12	ECLIA
55.		25-OH-Vitamin D	ECLIA
56.		25-OH-Vitamin D	CMIA



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Haematology			
Sl. No.	Type of Sample Examined/ Tested	Tested Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Whole Blood EDTA	Hb % (Haemoglobin)	Cyanide-free SLS method
2.		PCV / HCT (Haematocrit)	DC Impedance method with hydrodynamic focusing
3.		MCV (Mean Corpuscular Volume)	Calculated
4.		MCH (Mean Corpuscular Haemoglobin)	Calculated
5.		MCHC (Mean corpuscular haemoglobin concentration)	Calculated
6.		RBC (Red Blood Cell)	DC Impedance method with hydrodynamic focusing
7.		Total WBC (Total White Blood Cell)	Flow Cytometry
8.		Platelet Count	DC Impedance method with hydrodynamic focusing

