

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Central Diagnostic Laboratory & Research Center Pvt. Ltd.

Ward No.-28, Kamalpokhari, Kathmandu, Nepal

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/2024/0024

Valid from: 12 November 2024

Valid until: 11 November 2026

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Scope of Accreditation

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Clinical Biochemistry			
Sl. No.	Type of Sample Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Serum / fluoride plasma	Blood Sugar	Glucose Oxidase
2.	Serum	Urea	Urease Kinetic
3.	Serum	Creatinine	Enzymatic UV
4.	Serum	Uric Acid	Uricase perox,with ascorb.ox @546 nm
5.	Serum	Cholesterol	Cholesterol-Oxidase-Abell kendall.
6.	Serum	Triglycerides	GPO – PAP No Correction
7.	Serum	HDL Cholesterol	Direct Clearance
8.	Serum	SGPT	Tris buffer without P5P at 37°C
9.	Serum	SGOT	Tris buffer without P5P at 37°C
10.	Serum	Alkaline Phosphates	Diethanolamine buffer, DEA.
11.	Serum	Total Bilirubin	Diazo with Sulpanilic Acid.
12.	Serum	Total Protein	Biuret Reaction End Point
13.	Serum	Albumin	Biuret Method
14.	Serum	Phosphorus	Phosphomolybdate UV.
15.	Serum	Calcium	Arsenazo III
16.	Serum	Iron	Colorimetric without ppt
17.	Serum	Sodium	ISE-Indirect
18.	Serum	Potassium	ISE-Indirect
19.	Serum	Chloride	ISE-Indirect

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

www.qai.org.in



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Immunoassay			
Sl. No.	Type of Sample Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	SERUM	Total -Bhcg	CMIA
2.	SERUM	Cortisol	CMIA
3.	SERUM	Prolactin	CMIA
4.	SERUM	Total Testosterone	CMIA
5.	SERUM	TSH	CLIA
6.	SERUM	FT3	CLIA
7.	SERUM	FT4	CLIA
8.	SERUM	FSH	CLIA
9.	SERUM	LH	CLIA
10.	SERUM	Progesterone	CLIA
11.	SERUM	Estradiol	CLIA



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Clinical Pathology			
Sl. No.	Type of Sample Examined/ Tested	Specific Tests/ Performed Examination	Standard (Method), Principle/ Methodology or Technique Used
1.	Urine	Color	Visual
2.	Urine	Appearance	Visual
3.	Urine	pH	Biochemical
4.	Urine	Protein	Biochemical
5.	Urine	Glucose	Biochemical
6.	Urine	Red Blood Cells	Microscopy
7.	Urine	Pus Cells	Microscopy
8.	Urine	Epithelial Cells	Microscopy
9.	Urine	Crystals	Microscopy
10.	Urine	Casts	Microscopy
11.	Urine	Yeast	Microscopy
12.	Urine	Bacteria	Microscopy



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Microbiology & Serology			
Sl. No.	Type of Sample Examined/ Tested	Specific Tests/ Performed Examination	Standard (Method), Principle/ Methodology or Technique Used
1.	Serum	Widal	Slide Agglutination Method
2.	Serum	HbsAg	A One Step Immunoassay
3.	Serum	HCV	A One Step Immunoassay
4.	Serum	HIV 1&2	Immunofiltration membrane assay
5.	Serum	RA -Factor	Agglutination
6.	Serum	CRP	Latex Agglutination
7.	Serum	VDRL(RPR)	Flocculation
8.	Serum	H.pylori Ag	Lateral flow chromatographic immunoassay
9.	Stool	Faecal Occult Blood (FOB)	Rapid Chromatographic immunoassay



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Haematology			
Sl. No.	Type of Sample Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Whole blood with EDTA	Platelet	Microscopy
2.	Whole blood with EDTA	RBC	Microscopy
3.	Whole blood with EDTA	WBC	Microscopy
4.	Whole blood with EDTA	Hemoparasites	Microscopy
5.	Whole blood with EDTA	Atypical cells	Microscopy

