

# Quality And Accreditation Institute

## Centre for Laboratory Accreditation

### Scope of Accreditation

#### **MEDICAL LABORATORY SERVICES (RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY)**

Medical College Hospital,  
Near Super Speciality Block, Thiruvananthapuram - 695011  
Kerala, India

QAI/CLA/ML/2019/0009

Valid from : 4 December 2019

Valid until : 3 December 2021

#### **Accreditation Standard: ISO 15189:2012**

<b>Clinical Biochemistry</b>					
Sl. No.	Type of Samples Examined/ Tested	Specific tests/ Examination Performed	Standard (Method), Principle / Methodology or Technique used	Range of testing/ Limit of Detection	%CV
1.	Serum	Uric Acid	Uricase Method	0.50 - 17 mg/dl	Level 1 - 1.8 Level 2 - 3.1
2.	Serum	Creatinine	IFCC – IDMS Standardized Method	0.05 - 14 mg/dl	Level 1 - 1.6 Level 2 - 2.5
3.	Serum	Calcium	Arsenazo III	1.0 - 14 mg/dl	Level 1 - 1.0 Level 2 - 1.7
4.	Serum	Glucose	Hexokinase Method	2 - 750 mg/dl	Level 1 - 2.91 Level 2 - 2.86
5.	Serum	Urea	Urease Method	3.0 - 240 mg/dl	Level 1 - 3.54 Level 2 - 2.88
6.	Serum	Cholesterol	Peroxidase Method	3.86 - 800 mg/dl	Level 1 - 1.8 Level 2 - 2.9
7.	Serum	Albumin	BCG Method	0.2 - 6 mg/dl	Level 1 - 2.22 Level 2 - 4.64
8.	Serum	T4	Competitive Test Principle (ECLIA)	0.420 - 24.86 ug/dl	Level 1 - 4.52 Level 2 - 5.19
9.	Serum	T3	Competitive Test Principle (ECLIA)	19.5 - 651 ng/dl	Level 1 - 22.82 Level 2 - 7.52
10.	Serum	TSH	Sandwich Test Principle (ECLIA)	0.005 -100 IU/ml	Level 1 - 4.95 Level 2 - 4.32



A handwritten signature in black ink, appearing to read 'Dr. Bhupendra Kumar Rana', is written over a horizontal line.

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##### **Microbiology and Serology**

Sl. No.	Type of Samples Examined/ Tested	Specific tests/ Examination Performed	Standard (Method), Principle / Methodology or Technique used	Range of testing/ Limit of Detection	%CV
1.	Serum	HEV IgM	ELISA	NA	NA
2.	Serum	HAV IgM	ELISA	NA	NA
3.	Serum	HBsAg	ELISA	NA	NA
4.	Serum	Anti HBsAg	ELISA	NA	NA
5.	Serum	Total HBcAb	ELISA	NA	NA



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