

PT Provider Name CMC EQAS-Department of Clinical Biochemistry, Christian Medical College, ASHA Building, 6th Floor, Vellore, Tamil Nadu

Accreditation Standard ISO/IEC 17043:2010

Discipline Medical Testing **Issue Date** 30.04.2016

Certificate Number P-0004 **Valid Until** 29.04.2018

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S.No.	Proficiency Testing Scheme	Proficiency Testing Item	Analyte/ Parameter/ Test Method	Range of Testing
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I. CLINICAL BIOCHEMISTRY

S.No.	Proficiency Testing Scheme	Proficiency Testing Item	Analyte/ Parameter/ Test Method	Range of Testing
1.	SIMULTANEOUS SCHEME	SERUM	Glucose	60 to 600 mg/dL
			Urea	20 to 180 mg/dL
			Creatinine	0.5 to 12.0 mg/dL
			Total Bilirubin	1.0 to 10.0 mg/dL
			Total Protein	4.0 to 8.0 g/dL
			Albumin	2.0 to 5.0 g/dL
			Calcium	6.0 to 14.0 mg/dL
			Phosphorous	1.0 to 7.0 mg/dL
			Uric Acid	3.0 to 12.0 mg/dL
			Cholestrol	100 to 300 mg/dL
			Triglyceride	50 to 400 mg/dL
			HDL Cholestrol	23 to 97 mg/dL
			Sodium	105 to 160 mEq/L
			Potassium	1.8 to 7.5 mEq/L
			Chloride	80 to 125 mEq/L
			Bi-Carbonate	10 to 30 mEq/L
			Aspartate Transaminase	50 to 600 U/L

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S.No.	Proficiency Testing Scheme	Proficiency Testing Item	Analyte/ Parameter/ Test Method	Range of Testing
	SIMULTANEOUS SCHEME	SERUM	(AST) Alanine Transaminase	5 to 600 U/L
			(ALT)	
			Alkaline Phosphatase (ALP)	50 to 700 U/L
			Amylase	30 to 300 U/L
			Creatinine Kinase (CPK)	30 to 150 U/L
			Iron	50 to 250 µg/dL
			Magnesium	1.0 to 5.0 mg/dL
			Total Thyroxine	2 to 20 µg/dL
			Free Thyroxine	0.4 to 8.0 ng/dL
			Thyroid Stimulating Hormone (TSH)	0.5 to 20.0 µIU/ml
			Total T ₃	60 to 250 ng/dL
			Cortisol	2.0 to 50 µg/dL
			Leutinising Hormone (LH)	1 to 50 mIU/ml
			Follicle Stimulating Hormone (FSH)	1 to 50 mIU/ml
	Prolactin	2 to 50 ng/ml		
	Testosterone	50 to 1500 ng/dL		

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S.No.	Proficiency Testing Scheme	Proficiency Testing Item	Analyte/ Parameter/ Test Method	Range of Testing
	SIMULTANEOUS SCHEME	SERUM	Beta HCG	5 to 2000 IU/ml
			Estradiol	100 to 10,000 pmol/L
			Progesterone	1 to 50 nmol/L
			Glycated Hemoglobin (HbA1c)	4.0 to 13.0 %

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