



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **PRE-EQC**

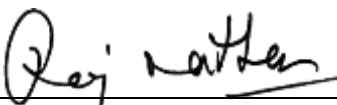
P-336, C.I.T. ROAD, SCHEME VIM  
KOLKATA, WEST BENGAL, 700054  
REPUBLIC OF INDIA

### **Proficiency Testing Provider PTP-100**

has met the requirements of AC785, *IAS Accreditation Criteria for Proficiency Testing Provider*, and has demonstrated compliance with ISO/IEC Standard 17043:2010, *Conformity assessment, General requirements for Proficiency Testing*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 28, 2022



  
\_\_\_\_\_  
**President**

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## PRE-EQC

[www.pre-eqc.com](http://www.pre-eqc.com)

**Contact Name** Dr. Shyamali Pal

**Contact Phone** +1- 919874415344

*Accredited to ISO/IEC 17043: 2010*

*Effective Date September 28, 20222*

**Discipline: Clinical Biochemistry (Type: Simultaneous)**

Type of PT Item (Matrix/Group/Field)	Analyte/Measurand	Range (if applicable)	Procedure/Technique
Pooled Plasma, NaF	Glucose	4.32- 720 mg/ dL	Hexokinase/GOD-POD
Pooled Serum	Urea	3.0-240 mg/dL	Urease GLDH (Kinetic UV)
	Creatinine	0.2-15 mg/dL	Jaffe's, Kinetic
	Total Bilirubin	0.099-25.2 mg/dL	DPD /DMSO
	Direct Bilirubin	0.09-17 mg/dL	DPD /DMSO
	Total Protein	0.2 – 12 g/dL	Biuret, End point
	Albumin	0.2 - 6 g/dL	BCG dye binding
	ALP	3.0 - 1200 U/L	PNPP, IFCC kinetic
	ALT	2 – 700 U/L	IFCC, without p5p
	AST	2 - 700 U/L	IFCC, without p5p
	Total Cholesterol	3.87 - 800 mg/dL	CHOD-PAP
	Triglycerides	8.85 – 885 mg/dL	GPO-PAP
	HDLC	3-120 mg/dL	Direct Enzymatic (Precipitation not acceptable)
	LDLC	3.87 – 550 mg/dL	Detergent Based, Homogeneous, (Calculated method not acceptable)
	Uric acid	0.2 – 25 mg/dL	Uricase, End- Point
	Sodium	80-200 mmol/L	ISE, direct
	Potassium	1.0 – 10 mmol/L	ISE, direct
	Chloride	75-200 mmol/L	ISE, direct
	Amylase	3.0-2000U/L	GAL – G2-CNP kinetic
	Lipase	3 – 300 U/L	Colorimetric, Kinetic
	LDH	10 – 1000 U/L	IFCC Kinetic Lactate > Pyruvate / Pyruvate>Lactate
CK	7 - 2000 U/L	IFCC, UV Kinetic	
GGT	3 - 1200 U/L	SZASZ, IFCC, KINETIC	
Calcium	0.8– 20.1mg/dL	O-Cresolphthalein Complexone-BAPTA /Arsenazo III	
Phosphorus	0.3 – 20 mg/dL	UV Phospho Molybdate	
Carbon Dioxide (Bicarbonate)	9- 35 mmol/L	Phosphoenolpyruvate carboxykinase (PEPCK)	

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

Type of PT Item (Matrix/Group/Field)	Analyte/Measurand	Range (if applicable)	Procedure/Technique
Pooled Serum	Iron	5- 1000 µg/dL	Ferrozine
	TIBC	33.5- 700 µg/dL	Ferrene method
	CKMB	3-50 U/L	Immunoinhibition method
Biological Fluids (CSF exempted)	Glucose	4.32-720mg/dL	Hexokinase/GOD-POD
	Protein	0.2-12g/dL	Biuret, End point
	Albumin	0.2-6g/dL	BCG dye binding
	LDH	10 – 1000 U/L	Lactate /pyruvate
Urine	Glucose	4.32-720mg/dL	Hexokinase/GOD-POD
	Microalbumin	0.7-400mg/L	Immunturbidimetry
K2-EDTA Whole Blood	Urine-Creatinine	0.042-64.5mg/dL	Jaffe kinetic/End point
	HbA0	≤90%	Ion Exchange HPLC / Enzymatic
	HbA2	0.8-11.4%	
	HbA1 c	3.8-18.5%	
	HbF	0.8-16.5%	
Abnormal Hb fractions	NA		

Discipline: Clinical Pathology (Type: Simultaneous):

Type of PT Item (Matrix/ Group/Field)	Analyte/Measurand	Range (if applicable)	Procedure/ Technique
Urine	Color	NA	Physical Examination
	Appearance	NA	Physical Examination
	Deposit	NA	Physical Examination
	Protein	10-600mg/dL	Protein-error-of-indicators
	Glucose	50-1000mg/dL	Glucose Oxidase
	pH	5.0-9.0	Double indicator
	Blood	0.3-1.0mg/dL of Hb	Occult blood
	Specific Gravity	1.000-1.060	pKa, logarithmic decision
	Ketone Bodies	10-150mg/dL	Rothera's/Legal's
	Bilirubin	0.5-1.0mg/dL	Dichloroaniline
	Urobilinogen	2.0-12.0µmol/L	Ehrlich's method
	Nitrite	0.1-0.2	Nitrate reductase
	Phosphate	Present/not present	Heat & acid