



SCOPE OF ACCREDITATION TO ISO 15189:2022

DR. BALWANT SINGH'S HOSPITAL INC.
314 East Street
South Cummingsburg
Georgetown, GUYANA
Dr. Madhu Pandey Singh Phone: +592-226-4279

CLINICAL

Valid To: December 31, 2025

Certificate Number: 4428.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on human samples, including **Body Fluids (BF), Plasma (P), Serum (S), Urine (U), Whole Blood (WB), and Tissue and Cells:**

<u>Specialty</u>	<u>Sub Specialty</u>	<u>Test/Analyte</u>	<u>Method</u>	<u>Matrix(ces)</u>
Chemistry				
	General Chemistry			
		Albumin (ALB)	Colorimetric– Bromocresol	S, P
		AlkPhos	Enzymatic– Colorimetric	S, P
		ALT	Enzymatic– Colorimetric	S, P
		Amylase	G7PNP	S, P
		AST	Enzymatic– Colorimetric	S, P
		Bicarbonate	Enzymatic– Colorimetric	S, P
		Bilirubin, Direct	Colorimetric–Diazo	S (Heparin)
		Bilirubin, Total	Colorimetric–Diazo	S (Heparin)
		Calcium	BAPTA	S, P
		Chloride	ISE	S (Heparin), U
		Cholesterol	Enzymatic– Colorimetric	S (EDTA)
		Creatine Kinase	NACC Activated	S, P
		Creatinine	Enzymatic	S, P
		Gamma Glutamyl Transferase (GGT)	Enzymatic– Colorimetric	S (EDTA)

<u>Specialty</u>	<u>Sub Specialty</u>	<u>Test/Analyte</u>	<u>Method</u>	<u>Matrix(ces)</u>
		Glucose	Enzymatic Glucose Endpoint– Hexokinase	S, P
		HDL Cholesterol	Enzymatic– Colorimetric	S (EDTA)
		Lactate	Quantative Determination	S, P
		LDH	IFCC Kinetic	S, P
		LDL Cholesterol, Direct	Enzymatic– Colorimetric	S
		Lipase	Kinetic Colour Test	S, P
		Magnesium	Xylidyl Blue	S, P
		Phosphorus	Phosphomolybdate	S, P
		Potassium	ISE	S, P, WB
		Protein, Total	Turbidimetric	BF, S, U
		Sodium	ISE	BF, S, U
		Triglycerides	Enzymatic– Colorimetric	BF, S
		Urea	UREASE–Rate	BF, S, U
		Uric Acid	Uricase - Colorimetric	S, P
	POCT			
		Glucose	GDH-FAD	WB
Immunology				
	General Immunology			
		Alpha-Fetoprotein	Chemiluminescent	S, P
		Anti-Mullerian Hormone	Immunofluorimetric	S, P
		Beta Human Chorionic Gonadotropin (hCG)	Immunofluorimetric	S, P
		CA 125	Immunofluorimetric	S, P
		CA 15-3	Chemiluminescent	S, P
		CA 19-9	Chemiluminescent	S, P
		CEA	Chemiluminescent	S, P
		Cortisol	Chemiluminescent	S, P
		Estradiol	Immunofluorimetric	S, P
		Ferritin	Chemiluminescent	S, P
		Folate	Chemiluminescent	S, P
		Follicle Stimulating Hormone	Immunofluorimetric	S, P
		Free Tri-iodothyronine	Immunofluorimetric	S, P
		Free thyroxine	Immunofluorimetric	S, P
		Growth Hormone	Chemiluminescent	S, P
		Luteinizing Hormone	Immunofluorimetric	S, P
		Progesterone	Immunofluorimetric	S, P
		Prolactin	Immunofluorimetric	S, P

<u>Specialty</u>	<u>Sub Specialty</u>	<u>Test/Analyte</u>	<u>Method</u>	<u>Matrix(ces)</u>
		Prostate Specific Antigen	Immunofluorimetric	S, P
		Testosterone	Immunofluorimetric	S, P
		Thyroid Stimulating Hormone	Immunofluorimetric	S, P
		Thyroxine T4	Chemiluminescent	S, P
		Transferrin	Chemiluminescent	S, P
		Tri-iodothyronine	Chemiluminescent	S, P
		Vitamin B-12	Chemiluminescent	S, P
Hematology				
	Hematology			
		Hematocrit (HCT)	Mixed Technology	WB
		Hemoglobin	Colorimetric	WB
		MCH	Calculated	WB
		MCHC	Calculated	WB
		MCV	Calculated	WB
		Platelet Count (PLT)	Mixed Technology	WB
		RBC Count	Mixed Technology	WB
		RDW	Calculated	WB
		WBC Count, Automated	Mixed Technology	WB
		WBC Differential, Automated	Mixed Technology	WB
Pathology				
	Histopathology			
		Anatomic Pathology	Microscopic examination	Tissue
		Fine Needle Aspiration	Microscopic examination	Tissue
		Formalin Fixed Paraffin Embedded Blocks (FFPE)	Microscopic examination	Tissue
		GYN Cytology	Microscopic examination	Cells
		Non-GYN Cytology	Microscopic examination	Cells
	Special Stain:			
		Acid Fast Bacilli (AFB) Stain	Microscopic examination	Tissue/ Cells
		Giemsa Stain	Microscopic examination	Tissue/ Cells
		Gomori Methenamine Silver Nitrate (GMS) Stain	Microscopic examination	Tissue/ Cells
		Iron Stain	Microscopic examination	Tissue/ Cells

<u>Specialty</u>	<u>Sub Specialty</u>	<u>Test/Analyte</u>	<u>Method</u>	<u>Matrix(ces)</u>
		Leishman Stand	Microscopic examination	Tissue/ Cells
		Masson's Trichome Staining	Microscopic examination	Tissue/ Cells
		May-Grunwald Stain	Microscopic examination	Tissue/ Cells
		Mucicarmine Stain	Microscopic examination	Tissue/ Cells
		Oil Red O Stain	Microscopic examination	Tissue/ Cells
		PAS-Diastase	Microscopic examination	Tissue/ Cells
		Periodic Acid Schiff (PAS) Stain	Microscopic examination	Tissue/ Cells
		Rapid <i>H. pylori</i> Stain	Microscopic examination	Tissue/ Cells
	Immunohistochemistry:			
		Estrogen Receptor (ER)	Microscopic examination	Tissue/ Cells
		HER2/neu	Microscopic examination	Tissue/ Cells
		Ki67	Microscopic examination	Tissue/ Cells
		Progesterone Receptor (PR)	Microscopic examination	Tissue/ Cells



Accredited Laboratory

A2LA has accredited

DR. BALWANT SINGH'S HOSPITAL INC.

Georgetown, GUYANA

for technical competence in the field of

Clinical

This laboratory is accredited in accordance with the recognized International Standard ISO 15189:2022 *Medical laboratories - Requirements for quality and competence*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system
(refer to joint IAF-ILAC-ISO Communiqué dated November 2021).



Presented this 26th day of December 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4428.01
Valid to December 31, 2025

For the tests to which this accreditation applies, please refer to the laboratory's «field» Scope of Accreditation.