As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.

Valid from 07 October 2020
to 06 October 2023
Issued on 06 October 2020

ISO 15189
ML 004-01

Schedule of Accreditation

Accreditation Scheme for Medical/Clinical Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: ML 004-01

Blue Cross Medical Centre (Pvt)Ltd
No.682, Kotte Road
Rajagiriya

Scope of Accreditation: Performing Medical Tests under the fields of Clinical Biochemistry, Clinical Pathology, Haematology and Serology.

The laboratory is accredited for the scope appears from page 02 to 05 .

Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range
04	Serology	Human immunodeficiency virus(HIV)test serum	ELISA Test	Fully Auto ELISA Analyzer	Negative/Positive
		Serum HBsAg			
		Serum HCV			
		Serum Antistreptolysin 'O' Antibody	Latex Agglutination	Slide method	0-800 U/ mL
		Serum VDRL	Manual carbon particle Agglutination	Slide and Orbital Shaker	Reactive/ Non reactive
		Serum Treponema Pallidum Haemagglutination Test(TPHA)	Passive Haemagglutination	Microtitration Plate Manual method	Titre 1/80 – 1/164000 Negative /Positive

Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range/ Detection limits
01	Clinical Chemistry	Serum Albumin	Bromcresol Green (Colorimetric)	DIALAB 450	0.2 -6.0 g/ dL
		Serum Alkaline Phosphatase	PNPP, AMP Buffer (Kinetic)	DIALAB 250	2 – 4000 U/L
		Serum Bilirubin -T	Jendrassik/ Grof (Colorimetric)		0.07 – 30.0 mg/dL
		Serum Bilirubin-D	Jendrassik/ Grof (Colorimetric)		0.07 – 20.0 mg/dL
		Serum total calcium	Arsenazo III (Colorimetric)		0.04 – 25.0 mg/ dL
		Serum Cholesterol	Cholesterol oxidase, esterase peroxidase (Colorimetric)		3 - 800 mg/ dL
		Serum HDL – Cholesterol	Direct measure immuno inhibition (Colorimetric)		1 - 180 mg/ dL
		Serum Uric acid	Uricase (Colorimetric)		0.07 – 20 mg/ dL
		Serum Triglycerides	Enzymatic end point		1 – 1300 mg/ dL
		Serum Creatinine	Alkaline picrate Kinetic rate blanked		0.2- 15 mg/ dL
		Serum Gamma Glutamyl Transferase(GT	G- Glutamyl-carboxy Nitro anilide- IFCC (Kinetic)		7-2600U/ L
		Plasma Glucose Fasting,Random & Post Prandial	Glucose oxidase Hydrogen peroxide (Colorimetric)		1 - 490 mg/dL
		SGOT (AST) (Serum)	UV with P5P (Kinetic)		2 - 940 U/ L
		SGPT (ALT)	UV with P5P (Kinetic)		4 - 600 U/ L

SI No	Field of Testing	Test	Test Method	Test Instrument	Reference range
01	Clinical Chemistry	LDL – Cholesterol	Calculated LDL	DIALAB 450 DIALAB 250	7.35-860 mg/dL
		Serum Phosphorus	Phosphomolybdate UV (Kinetic)		0.7 - 15.0 mg /dL
		Serum Total Protein	Biuret, Serum Blank end point		0.05 - 15 g / dL
		Serum Blood Urea	Urease UV (Kinetic)		2-600 mg / dL
		HbA1c	Nephelometry	Agappe Mispa i2	3 - 13 %
		Serum C-Reactive Protein(CRP)			0.5 -320 mg / dl
02	Clinical Pathology	**Urine Full Report**	Dip strip & Manual method	Microscope and Centrifuge	--
		Colour			Clear-Turbid
		Appearance			1.000 -1.030
		Specific Gravity			5-9
		pH			Nil-1000 mg/dL
		Protein			Nil-2000 mg/dL
		Glucose			Negotive-Trace-Positive
		Ketone			Normal-Increased
		Bilirubin			--
		Urobilinogen			Nil- Field full
		Microscopy			Nil- Field full
		Puss Cells			Nil - ++++
		Red Cells			Nil - ++++
		Epithelial Cells			Nil - ++++
		Casts			--
		Crystals			
		Organisms			

Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range
02	Clinical Pathology	**Stool Full Report** Colour Consistancy Pus Cells RBC Epithelial Cells Macrophages Amoabae Ova Round Worm Hook Worm Whip Worm Pin Worm **Cysts** Glardia Lamblia Charcot Leyden Fatty Acids Mucus Undigested Food Particles	Saline mount on Slide Manual method	Microscope	--
03	Haematology	Hb(Haemoglobin)	Photometrical analysis method	Norma Icon 5 Analyzer Norma Icon 3 Analyzer	0.1-25g/dl 0-50 g/dl
		PCV	Calculated		10-60% 10-80%
		RBC Count	Volumetric Impedance		0.30-9.99×10^{12}/L 0-12×10^{12}/L
		Platelets	Volumetric Impedance		10-999×10^{9}/L 0-1000×10^{9}/L
		MCV	Volumetric Impedance		Computed from PCV&RBC fl
		MCH	Calculated		Computed from Hb & RBC pg
		MCHC	Calculated		Computed from Hb&PCV g/dl
		RDW	Calculated		Computed %
		WBC	Laser Forward Scattered light		0.30- 99.99 ×10^{9}/L 0-200 ×10^{9}/L

Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range
03	Haematology	ESR	Westergren Method	Westergren Tubes & Racks	1-180mm
		DLC	Laser Forward Scattered light	Norma Icon 5 Analyzer Norma Icon 3 Analyzer	1-100%
		Rheumatoid factor	Latex Agglutination	Slide method	1:32 – 1:152

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment