



Valid from 28 March 2016
to 27 March 2019
Issued on 11 April 2016

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



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

SI No	Field of Testing	Test	Test Method	Test Instrument	Reference range
01	Clinical Chemistry	Serum Albumin	Bromcresol Green (Colorimetric)	FA 400	0.2 -6.0 g / dL
		Serum Alkaline Phosphatase	PNPP, AMP Buffer (Kinetic)	FA 200	2 – 4000 U / L
		Serum Bilirubin -T	Jendrassik / Grof (Colorimetric)		0.07 – 30.0 mg / dL
		Serum Bilirubin-D		0.07 – 20.0 mg / dL	
		Serum 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 immune 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 Nitroanilide- IFCC (Kinetic)		7-2600 U / 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	HbA1c	Immunoturbidimetric Latex Test (Colorimetric)	FA 400	2 – 16 %
		LDL – Cholesterol	Calculated LDL	FA 400 FA 200	7.35 – 860 mg / dL
		Serum Phosphorus	Phosphomolybdate UV (Kinetic)		0.7 – 15.0 g /dL
		Serum Total Protein	Biuret, Serum Blank end point		0.05 – 15 g / dL
		Serum Blood Urea	Urease UV (Kinetic)		2-600 mg / dL
		Serum C-Reactive Protein(CRP)	Latex Agglutination	Slide method	6 -500 mg / L
02	Clinical Pathology	Urine Full Report Colour Appearance Specific Gravity pH Protein Glucose Ketone Bilirubin Urobilinogen Microscopy Puss Cells Red Cells Epithelial Cells Casts Crystals Organisms	Dip strip & Manual method	Microscope and Centrifuge	--
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					1.000 -1.030
					5-9
					Nil-1000 mg/dL
					Nil-2000 mg/dL
					Negative-Trace-Positive
					Normal- Increased
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Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range
02	Clinical Pathology	Stool Full Report Colour Consistency Pus Cells RBC Epithelial Cells Macrophages Amoebae Ova Round Worm Hook Worm Whip Worm Pin Worm Cysts Giardia Lamblia Charcot Leyden Fatty Acids Mucus Undigested Food Particles	Manual method	Microscope	--
03	Haematology	Haemoglobin(Hb)	Non-cyanide Haemoglobin analysis method	Automated 3 Part Haematology Analyser	0.1-25g/dL
		PCV	RBC Cumulative pulse height detection		10-60%
		RBC Count	Scattered light detection		0.30-9.99×10 ⁹ /L
		Platelets	DC method in scattered		10-999×10 ⁹ /L
		MCV	Computed form PCV & RBC		--
		MCH	Computed form Hb & RBC		--
		MCHC	Computed form Hb & PCV		--
		RDW	Computed		--
		TLC	Flow cytometry by semiconductor laser		--
		DLC	Flow cytometry by semiconductor laser & manual (Microscopy)		0.3-99.99×10 ⁹ /L
		Erythrocyte Sedimentation Rate (ESR)	Westergren Method	Westergren tubes and Rack	1-180 mm
Rheumatoid factor(RF)	Latex Agglutination	Slide method	1:32 – 1:152		

Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range
04	Serology	Serum HIV I & II Antibodies	ELISA Test	Fully Auto ELISA Analyzer (Human)	Negative/Positive
		Serum Anti HCV			
		Serum HBsAg			
		Serum Antistreptolysin 'O' Antibody	Latex Agglutination	Slide method	0-800 U/ mL
		Serum VDRL	Agglutination		Reactive/ Non reactive
		<i>Serum Treponema Pallidum</i> Haemagglutination Test(TPHA)	Agglutination method	Microtitration Plate Manual method	Titre 1/80 – 1/164000

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment