

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



Valid from 10 June 2024
to 09 June 2028
Issued on 02 August 2024



ISO 15189
ML 044-01

Schedule of Accreditation

Accreditation Scheme for Medical/Clinical Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: ML 044-01

Asiri Laboratories Matara
No 26, Esplanade Road
Uyanwatta, Matara.

Scope of Accreditation: Performing Medical/Clinical testing under the fields of Clinical Biochemistry/Chemical Pathology, Clinical Pathology and Haematology The laboratory is accredited for the following tests.

SI No	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
01	Clinical Biochemistry / Chemical Pathology	Albumin (Serum)	Bromocresol Green	Beckman Coulter 480	1.1 - 70 g/L
				Thermo Scientific Indiko	2 - 135 g/L
		ALT/SGPT (Serum)	IFCC Recommended method for ALT	Beckman Coulter 480	1.6 - 500 U/L
				Thermo Scientific Indiko	4 - 2100 U/L
		AST/SGOT (Serum)	IFCC Recommended method for AST	Beckman Coulter 480	1.67 - 800 U/L
				Thermo Scientific Indiko	4 - 2100 U/L
		Cholesterol Total (Serum)	Colorimetric, Enzymatic, CHOD - PAP	Beckman Coulter 480	3 - 750 mg/dL
				Thermo Scientific Indiko	7.73 - 1740.15 mg/dL
		Creatinine (Serum)	Colorimetric, Enzymatic PAP	Beckman Coulter 480	0.14 - 13.56 mg/dL
				Thermo Scientific Indiko	0.113 - 113.12 mg/dL

Sl No	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit			
01	Clinical Biochemistry / Chemical Pathology	Glucose (Plasma)	Colorimetric, enzymatic, GOD - PAP	Beckman Coulter 480	1– 400 mg/dL			
				Thermo Scientific Indiko	5.40 – 1080.6 mg/dL			
		Triglyceride (Serum)	Colorimetric, enzymatic, GPO - PAP	Beckman Coulter 480	2 – 1000 mg/dL			
				Thermo Scientific Indiko	4.4 – 4871.3 mg/dL			
		Protein Total (Serum)	Biuret	Beckman Coulter 480	4.6 – 150 g/L			
				Thermo Scientific Indiko	3 – 250 g/L			
		Urea (Serum)	Urease / Glutamate Dehydrogenase	Beckman Coulter 480	2 – 300 mg/dL			
				Thermo Scientific Indiko	9 – 360 U/L			
		02	Clinical Pathology	Urine Full Report				
				Colour	Manual/Visual	-	-	
Appearance	-							
Specific Gravity	Manual/ Urine Reagent Strips			Strip (Abbott UroColor)	1.000-1.030			
pH					5.0 – 9.0			
Protein					0 - 1000 mg/dL			
Glucose					0 - 2000 mg/dL			
Ketone					0 - 100 mg/dL			
Urobilinogen					0.1 – 12.0 mg/dL			
Bilirubin					0.0 – 3.0 mg/dL			
Nitrite					0 – 0.5 mg/dL			
Pus cells					Microscopy	Optika phase contrast Microscope	-	
Red cells								
Epithelial cells								
Casts								
Crystals								
Organisms								

SI No	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit		
03	Haematology	ESR	Westergren Method	Westegren ESR Tubes	00 - 195 mm/hr		
		Full Blood Count					
		Total WBC	Light Scattering			Mindray BC 6200 Automated Analyzer / HumaCount 5D Hematology Analyzer	0.00 - 500 x 10 ⁹ /L
							0.00 - 300 x 10 ⁹ /L
		RBC	Electrical Impedence				0.00 - 8.6 x 10 ¹² /L
		Total HGB	Colorimetry				0.00 - 8.5 x 10 ¹² /L
		PLT	Electrical Impedence				0.0 - 260 g/L
							0.0 - 250 g/L
		HCT	Calculated				0 - 5000 x 10 ⁹ /L
							0 - 3000 x 10 ⁹ /L
		MCV	Electrical Impedence				0.0- 75%
							0.0- 67%
		MCH	Calculated				-
		MCHC	Calculated				-
		RDW CV%	Calculated				-
		WBC DC - Automated Differential Count	SF cube cell analysis Semiconduct or laserbased flow cytometry			Mindray BC 6200 Automated Analyzer / HumaCount 5D Hematology Analyzer	0.03-440 10 ³ μL
		LYM					0.0 – 100%
		NEU					0.0 – 100%
		MO					0.0 – 100%
		EO					0.0 – 100%
		BA					0.0 – 100%
		PLT					2-5000 10 ³ μL
HGB	0.1 – 26 g/dL						
PCV	0.1– 75.0%						

Chairman
Sri Lanka Accreditation Board for Conformity Assessment