

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



Valid until 28 November 2014  
Issued on 29 November 2011



ISO 15189  
ML 008-01

## Schedule of Accreditation

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

Accreditation Number: ML 008-01

**The Medical Testing Laboratory  
Colombo Medilab (Pvt) Ltd.  
No. 03, Milagiriya Avenue,  
Colombo 04.**

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

The laboratory is accredited for the following tests. (Please see page 02 onwards for details)

Sl	Field of Testing	Test	Test Method	Test Instrument	Detection Limit	MU ( )
01	<b>Clinical Biochemistry</b>	<b>Plasma Glucose</b> FBS RBS PPBS	GOD- PAP (Enzymatic method)	HumaStar 600	1 - 500 mg/dl	7.2
				Pointe 180 II	Up to 500 mg/dl	12.5
		<b>Cholesterol</b>	CHOD PAP (Enzymatic method)	HumaStar 600	5 – 1000 mg/dl	5.4
				Pointe 180 II	Up to 500 mg/dl	28
		<b>Serum Creatinine</b>	Kinetic method (Jaffe reaction)	HumaStar 600	0.1 – 25 mg/dl	0.2
				Pointe 180 II	Up to 15 mg/dl	0.4
		<b>Blood urea</b>	Kinetic method (Talke & Schubert reaction)	HumaStar 600	5 – 400 mg/dl	8.3
				Pointe 180 II	Up to 150 mg/dl	8.4
		<b>SGOT</b>	LIQUI UV /KINETIC TEST (Kinetic method)	HumaStar 600	3 – 700 u/l	4
				Pointe 180 II	Up to 350 u/l	10
		<b>SGPT</b>	Kinetic method	HumaStar 600	2 – 500 u/l	5.2
				Pointe 180 II	Up to 350 u/l	8.5
02	<b>Clinical Pathology</b>	<b>Urine Full Report</b>	Manual & Strip method	Centrifuge /Slides/ Cover slips/ Microscope	1.00-1.005	-
		Specific gravity				
		PH				
		Protein				
		Glucose				
		Urobilinogen				
		Ketones				
		Bilirubin				
		Nitrite				
		Cenrifuge Deposit				
		HCG	Manual & Strip method	HCG strips/Timer	-	-
Stools full report	Manual method (Direct smear)	Microscope/Gla ss slides/ cover slips/Boiling tube/Burner/Be nedit solution	-	-		

Sl	Field of Testing	Test	Test Method	Test Instrument	Reference range	MU ( )
03	Haematology	<b>Full Blood Count</b>	Automated method (Electronic count) /Manual Method	Humacount fully automated haematology analyzer and Microscope/ Counting chamber Micro pipette/Slides		-
		Haemoglobin			12-17.4 g/dl	
		PCV			36-52 %	
		Platlet			150-400 *10 <sup>9</sup> / L	
		WBC count			4-11 *10 <sup>9</sup> /L	
		Differential count			Nutrophil 50-75% Lymphocytes 25 -40% Eosinophil 3-7 %	
		Red cell count			3.5 -6.0 *10 <sup>12</sup> /L	
		MCV			76 -96 FL	
		MCH			27-32 Pg	
		MCHC			30-35 g/dl	
		ESR		Manual (Westergrens) method / HUMASED 20 ESR Auto analyzer.	Female - UP TO 15 mm/Hour Male - UP TO 10 mm/Hour ELDERLY UP TO 20 mm/Hour	-
		<b>Blood grouping &amp; Rh</b>	Manual method	-	-	-
		<b>Investigation of Malaria parasite</b>	Examine a leishman stained blood film (Manual)	Slides/Staining rack./Microscope	-	-

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit	MU ( )
04	<b>Microbiology / Serology</b>	<b>Serological Diagnosis of Syphilis</b>				
		VDRL Carbon antigen	Carbon antigen method (Manual)	Rotary shaker/slides/ Pipette	-	-
		<b>TPHA</b>	Haemagglutination method (Manual)	Micro well plate/Pipette	-	-
		<b>HIV 1&amp;2</b> (HIVASF 1 & 2 General Biologicals)	ELISA Method (Semi automated)	Micro plate washer (Biorad PW40) & Microplate reader (Biorad model 680) /Microplates /pipette	-	-
			ELISA Method (fully automated)	Elisys Uno ELISA Analyzer		
		<b>Hepatitis B (Monoalisa Hbs Ag ultra)</b>	ELISA Method (Semi automated)	Micro plate washer (Biorad PW40) & Microplate reader (Biorad model 680) /Microplates /pipette	-	-
			ELISA Method (fully automated)	Elisys Uno ELISA Analyzer		
		<b>Hepatitis C (Anti-HCV)</b>	ELISA Method ELIgen HCV Ab (v.4) Kit (Semi automated)	Micro plate washer (Biorad PW40) & Microplate reader (Biorad model 680) /Microplates /pipette	-	-
			ELISA Method (full automated)	Elisys Uno ELISA Analyzer		

