



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

Valid from 05 February 2025
to 04 February 2029
Issued on 05 February 2025



Schedule of Accreditation

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

Accreditation Number: ML 026-01

Hemas Capital Hospital Laboratory Services
No 647, Pannipitiya Road
Thalawathugoda

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.(Please see page 02 onward for Details)

SI no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range
01	Clinical Biochemistry / Chemical Pathology	Alanine Aminotransferase (ALT)	Siemens/Dade standard non IFCC correlated	Dimension EXL 200	6-1000 U/L
		Albumin	Bromocresol Purple		0.6-8.0 g/dL
		Alkaline Phosphatase (ALP)	p-NPP + AMP (AMP optimised to IFCC)		10-1000 U/L
		Aspartate Aminotransferase (AST)	IFCC with pyridoxal-5-Phosphate (Siemens/Dade standard non IFCC)		0- 1000 U/L
		Total Bilirubin	Diazo with Sulphanilic Acid		0.1- 25 mg/dL
		Blood Urea Nitrogen (BUN)	Urease, end point		0-150 mg/dL
		Calcium	calcium o-cresolphthaleincomplexone (OCPC)		5.0-15 mg/dL
		Cholesterol – HDL	Direct HDL, Clearance method (Dimension-Dade Behring reagents)		3-150 mg/dL
		Cholesterol	(CE-CO-HPO)Enzymatic		50-600 mg/dL
		Creatinine	modification of the kinetic Jaffe reaction		0.15 -20 mg/dL
		Gamma Glutamyl Transferase (GGT)	Gamma glut'3-carb'4-nitro-IFCC		0-800 U/L
		Glucose Plasma (Fasting, Postprandial, Random, Glucose Challenge, Glucose Tolerance 75 g, Glucose Tolerance 100 g, Glucose Tolerance Extended & Blood Glucose Series	Hexokinase G-6-PDH		0-500 mg/dL
		Uric Acid	Uricase Method- Uricase Perox. with ascorb. Ox		0-20 mg/dL
		Phosphorus	Phosphomolybdate enzymatic method		0.5-9 mg/dL
		Total Protein	Biuret reaction, end point		2-12 g/dL

Sl no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range	
01	Clinical Biochemistry / Chemical Pathology	Sodium	Indirect ISE	Dimension EXL 200	50-200 mmol/L	
		Potassium			1-10 mmol/L	
		Chloride			50-200mmol/L	
		Triglyceride (TGL)	Lipase/Glycerol Dehydrogenase		15 – 1000 mg/dL	
		TSH	Electrochemiluminescence Immunoassay (ECILA) Technology (Sandwich principle)	Cobas E411	0.005 -100 mIU/mL	
		FT3			0.391 – 32.55 pg/mL	
		FT4			0.039- 7.769 ng/dl	
02	Clinical Pathology	Urine full report				
		Appearance			--	
		Specific Gravity			1.000 – 1.030	
		pH			5 - 7	
		Protein			1 - 14 mg/dL	
		Glucose			100 mg/dL	
		Ketone			5 - 10 mg/dL	
		Bilirubin			0.4 -0.8 mg/dL	
		Urobilinogen			0.2 - 1.0 EU/dL	
		Microscopy			hpf	
		Pus Cells				
		Red Cells				
		Epithelial Cells				
		Cast				Nil/+/++
		Crystals				Nil/+/++
		Organisms				hpf

Sl no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range
03	Haematology	E.S.R whole blood	Westergren method	Setting ESR tubes for an hour	03-140 mm
		Full Blood Count			
		Haemoglobin	Colorimetric Determination	CELL-DYN 3200	0.0 -19.9 g/dl
		PCV	Calculated		13.0-60.0 %
		RBC count	Flow Cytometric techniques		0.00-7.16 x 106/μl
		Platelets			11-1903 x 103/μl
		MCV			58 – 139 fl
		MCH	Calculated		--
		MCHC	Calculated		--
		RDW	Flow Cytometric techniques		10.0 – 29.8 %
		WBC Count			0.02 -246.8 x103 /μl
		WBC Differential count			0.0 -19.9 g/dl

Acting Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment