



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

Valid from 05 March 2021
to 04 March 2024
Issued on 25 April 2022



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 RXL Max	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-cresolphthaleincomplex one (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-UricasePerox. withascorb. 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 RXL Max	50-200 mmol/L
		Potassium			1-10 mmol/L
		Chloride			50-200mmol/L
		TGL	Lipase/Glycerol Dehydrogenase		15 – 1000 mg/dL
		TSH	Electrochemiluminescence Immunoassay (ECILA) Technology (Sandwich principle)	Cobas e 411	0.005 -100 mIU/mL
		FT3	Electrochemiluminescence Immunoassay (ECILA) Technology, Competition principle		0.4 - 50 pmol/L
		FT4	Electrochemiluminescence Immunoassay (ECILA) Technology		0.023- 7.77 ng/dl
		Colour	Urine dipstick	Olympus Microscope	--
		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					
Crystals					
Organisms	hpf				

Sl no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range	
03	Haematology	E.S.R whole blood	Westergrenmethod	Setting ESR tubes for an hour	03-140 mm	
		Full Blood Count		CELL-DYN 3200	0.0 -19.9 g/dl	
		Haemoglobin	Colorimetric Determination			
		PCV	Computed from RBC & MCV			13.0-60.0 %
		RBC count	Flow Cytometric techniques			0.00-7.16 x 10 ⁶ /μl
		Platelets				11-1903 x 10 ³ /μl
		MCV	MAPASS Technology			58 – 139 fl
		MCH	Computed from Hb& RBC			--
		MCHC	Computed from Hb& PCV			--
		RDW	Computed from RBC histogram			10.0 – 29.8 %
		WBC Count	Flow Cytometric techniques			0.02 -246.8 x10 ³ /μl
WBC differential count	MAPASS Technology	0.0 -19.9 g/dl				