



Valid from 05 March 2018  
to 04 March 2021  
Issued on 12 March 2018

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



## 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)	IFCC with pyridoxal-5-Phosphate 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-cresolphthalein complexone (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	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

SI 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		0.3- 100 pmol/L
		Colour	Urine dipstick	--	
		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	
		<b>Microscopy</b>			
		Pus Cells		hpf	
		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	
		<b>Full Blood Count</b>		CELL-DYN 3200		
		Haemoglobin	Colorimetric Determination			0.0 -19.9 g/dl
		PCV	Computed from RBC & MCV			13.0-60.0 %
		RBC count	Flow Cytometric techniques			0.00-7.16 x 10 <sup>6</sup> /μl
		Platelets				11-1903 x 10 <sup>3</sup> /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 <sup>3</sup> /μl
		WBC differential count	MAPASS Technology			0.0 -19.9 g/dl