Valid from 22 May 2018
to 21 May 2021
Issued on 12 June 2018

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

ISO 15189
ML 027-01

Schedule of Accreditation

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

Accreditation Number: ML 027-01

Hemas Southern Hospital Laboratory Services
No 10, Wackwella Road
Galle

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)

Sl no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range
01	Clinical Biochemistry / Chemical Pathology	Alanine Aminotransferase (ALT)-(serum)	Siemens / Dade standard non IFCC correlated	Dimension RL MAX	6-1000 U/L
		Albumin (serum)	Bromocresol Purple		0.6-8.0 g/dL
		Alkaline Phosphatase (ALP)- (serum)	p-NPP + AMP (AMP optimized to IFCC)		10-1000 U/L
		Aspartate Aminotransferase (AST)-(serum)	IFCC with pyridoxal-5-Phosphate (Siemens/Dade standard non IFCC)		0- 1000 U/L
		Total Bilirubin (serum)	Diazo with Sulphanilic Acid		0.1- 25 mg/dL
		Blood Urea Nitrogen (BUN)	Urease, end point		0-150 mg/dL
		Calcium Total (Serum)	calcium o-cresolphthaleincomplexone (OCPC)		5-15 mg/dL
		Cholesterol – HDL (serum)	Direct HDL, Clearance method (Dimension-Dade Behring reagents)		3-150 mg/dL
		Cholesterol Total	(CE-CO-HPO)Enzymatic		50-600 mg/dL
		Creatinine (serum)	modification of the kinetic Jaffe reaction		0.15 -20 mg/dL
		Gamma Glutamyl Transferase (GGT) (serum)	Gamma glut'3-carb'4-nitro-IFCC		0-800 U/L
		Triglyceride (serum)	Lipase/Glycerol Dehydrogenase		15 -1000 mg/dL
		Glucose Plasma(Fasting Prandial,Random,Glucose Tolerance 75g,Glucose Tolerance 100g,Glucose Tolerence Extended & Blood Glucose series)	Hexokinase G-6-PDH		0-500 mg/dL

Sl no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range
01	Clinical Biochemistry / Chemical Pathology	Uric Acid (serum)	Uricase Method-UricasePerox. withascorb. Ox	Dimension RXL Max	0-20 mg/dL
		Phosphorus (serum)	Phosphomolybdate enzymatic method		0.5-9 mg/dL
		Total Protein (serum)	Biuret reaction, end point		2-12 g/dL
		Sodium (serum)	Indirect ISE		50-200 mmol/L
		Potassium (serum)			1-10 mmol/L
		Chloride (serum)			50-200mmol/L
		TSH	Electrochemiluminescene Immunoassay (ECILA) Technology (Sandwich principle)	COBAS	0.005 -100 mIU/mL
		FT3			0.26 – 32.55 pg/ml
		FT4			0.023-7.77ng/dL
		Urine full report			
		Colour	Urine dipstick	Centrifuge & Microscope	--
		Appearance			--
		Specific Gravity			1.000 – 1.030
		pH			5 - 9
		Protein			Nil - ($_{++++}$)
		Glucose			Nil - ($_{++++}$)
		Ketone			Negative/Trace/ Positive
		Bilirubin			Normal-Increased
		Urobilinogen			Present in normal amount-Increased
		Microscopy			
		Pus Cells			Occational-Field Full
		Red Cells			
		Epithelial Cells			
		Cast			Nil- ($_{+++}$)
		Crystals			Nil-($_{+++}$)
		Organisms			hpf

Sl no	Field of Testing	Test	Test Method	Test Instrument	Analytical Range
01	Clinical Biochemistry / Chemical Pathology	Liver Profile (Total Protein,Albumin,Globulin,Total Bilrubin,Alkaline,Phosphatase,AST,ALT, Gamma GT)	--	Dimension RL MAX	--
		Lipid profile (Total Cholestrol,HDL,LDL,Triglyceride,Cho/ HDL Ratio)	--		--
		Renal Profile (Sodium,Potassium, Chloride,Blood Urea,Nitrogrn,Creatinine,Calcium,Phosporus,Uric acid)	--		--
		Electrolytes profile (Sodium Potassium,Chloride) (serum)	--		--
		Thyroid Profile (TSH,Free T4,Free T3)	--		--

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		CELL-DYN 3200	
		Haemoglobin (whole blood)	Colorimetric Determination		0.0 -19.9 g/dl
		PCV (whole blood)			13.0-60.0 %
		Platelets (whole blood)	Flow Cytometric techniques		11-1903 x 10^3/µl
		RBC count (whole blood)	MAPASS Technology		0.00-7.16 x 10^6/µl
		MCV(whole blood)			58 – 139 fl
		MCH(whole blood)	Computed from Hb& RBC		--
		MCHC (whole blood)	Computed from Hb& PCV		--
		RDW(whole blood)	MAPASS Technology		10.0 – 29.8 %
		WBC Count (whole blood)			0.02 -246.8 x10^3 /µl
		WBC differential count(whole blood)			--

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment