



Valid from 02 November 2018  
to 01 November 2021  
Issued on 10 December 2018

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



ISO 15189  
ML 025-01

## Schedule of Accreditation

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

Accreditation Number: ML 025-01

**Centre for Diabetes Endocrinology and Cardio- Metabolism (Pvt) Ltd**

**No. 21, Norris Canal Road,  
Colombo 10**

**Scope of Accreditation:** Performing Medical Clinical Test on Clinical Biochemistry,  
Clinical Pathology and Haematology.

The laboratory is accredited for the following tests.

Sl	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
1	<b>Clinical Biochemistry/Chemical Pathology</b>	Plasma Glucose	Glucose Oxidase	Fully Automated Biochemistry Analyzer (Rx Imola)	6.04 mg/dl – 614 mg/dl
		Total Cholesterol	Cholesterol oxidase		33.4 – 640 mg/dl
		HDL Cholesterol	Enzymatic, kinetic		7.30 -144 mg/dl
		Triglycerides	Direct Enzymatic Colorimetric		11.9 – 1124 mg/dl
		Serum Creatinine	Alkaline picrate-no deproteinization		0.29 -32.5 mg/dl
		Blood Urea	Urease, UV		109 – 932 mmol
		Phosphorous	Phosphomolybdate method		1.14 – 122 mmol/l

Sl	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
1	Clinical Biochemistry/Chemical Pathology	Calcium	Arsenazo III	Fully Automated Biochemistry Analyzer (Rx Imola)	0.4 – 35.54 mg/dl
		Uric Acid	Uricase Colorimetry		0.98 – 1189 µmol/l
		ALT	UV without P5P		9.7 – 666 U/l
		AST	UV without P5P		18.7 – 657 U/l
		ALP	PNPP,DEA Buffer		34.7 – 2183 U/l
		Total Bilirubin	Sulphanilic acid, DMSO		1.50 – 496 µmol/l
		Direct Bilirubin	Diazotization		1.42 – 137 µmol/l
		Albumin	Bromocresol Green		3.2 – 50.6 g/l
		Total Protein	Biuret, reagent blank, end point		0.022 – 2.14 g/l
		GGT	G-glutamyl-carboxy-nitroanilide		20.1 – 651 U/l
		HbA1C	HPLC Method	HbA1C Analyzer (D - 10)	3.8 – 18.5 %
		Na <sup>+</sup>	Ion selective electrode	Electrolytes Analyzer (Roche 9180)	104 - 179 mmol/L
		K <sup>+</sup>			1.9 – 11.8 mmol/L
Cl <sup>-</sup>	70 – 152 mmol/L				

Sl	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
1	<b>Clinical Biochemistry/Chemical Pathology</b>	TSH	Chemiluminescent Microparticle Immunoasy (CMIA)	Fully Automated Immunoassay Analyzer (Architect i1000)	0.0025-100 $\mu$ IU/mL
		Free T4			0.28 – 6.00 ng/dL
		Free T3			1.0 -30 pg/mL
		LH			0.00 – 250.00 mIU/mL
		FSH			0.05 – 150 mIU/mL
		Ferritin			$\leq$ 1 – 2000 ng/mL
		Cortisol			1 – 59.8 $\mu$ g/dl
		Insulin			0.5– 300 $\mu$ U/mL
		PSA			0.008 – 100 ng/mL
		Prolactin			0.6 – 200 ng/mL
		Vitamin D			8.5 - 389.8 nmol/L).
		Testosterone			0.13 - 64.57 nmol/L
2	<b>Hematology</b>	Full Blood Count (FBC)	Combination of Electrical Impedance, flow cytometry & fluorescent flow cytometry	Sysmex (Xs 500i)	WBC 4 - 11 ( $\times 10^3$ /UL)
					RBC 4.5 5.5 ( $\times 10^6$ /UL)
					HCT 12-16.5 g/dL
					PLT 150 – 400 ( $\times 10^3$ /UL)
		ESR	Western green	Setting tube for an hour	2-190 mm

SI	Field of testing	Test	Test Method	Test Instrument	Detection Limit	
3	Clinical Pathology	<b>Urine Full report(Urine Analysis)</b>				
		Physical				
		Color	Visual examination	Manual	-	
		Appearance			-	
		Chemical				
		Specific Gravity		Manual	1.000-1.030	
		pH	Dip Strip		5 - 9	
		Glucose	Dip Strip, Benedict's method		Nil -(+++)	
		Ketone	Dip Strip		Nil -(+++)	
		Bilirubin			Nil -(+++)	
		Urobilinogen			Normal-Increased	
		Albumin			Nil -(+++)	
		Nitrate			Nil -(+++)	
		Microscope				
		PUS Cells	Dip Strip, Microscope Examination		Manual	Occasional -Field full
		Red cells	Microscopic Examination	Few -(+)		
		Epithelial cells		Nil -(+++)		
		Crystal		Nil -(+++)		
		Cast		Nil -(+++)		
		Organism		Nil -(+++)		
		Other		Nil -(+++)		
		<b>Urine HCG</b>	ICT	Cassette	Positive /Negative	
		<b>SFR(Stool AOC)</b>				
		Physical				
		Color	Visual examination	Manual	-	
		Consistency			-	
		Mucus			Nil -(+)	
		Blood			Nil -(+)	
		Microscopic				
		Parasite	Manual method with microscope examination.	Manual	Nil-(+)	
		Leukocyte			Occasional -Field full	
		Erythrocyte			Nil-(+)	
		Undigested Food Particles			Few -(+)	
Other	Nil-(+)					
<b>Stool Occult Blood</b>	ICT	Cassette	Positive /Negative			

### Urine Human Chorionic Gonadotropin (hCG)