



Valid from 04 December 2019
to 03 December 2022
Issued on 04 December 2020

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



ISO 15189
ML 017-01

Schedule of Accreditation

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

Accreditation Number: ML 017-01

Nawaloka Green Cross Laboratories (Pvt)Ltd
No.23, Deshamanya H K Dharmadasa Mawatha
Colombo 02

Scope of Accreditation: Scope of Accreditation: Performing Medical Tests under the field
of Clinical Biochemistry/Chemical Pathology, Clinical
Pathology, Microbiology/Serology and Haematology

The laboratory is accredited for the following tests.

Sl	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
01	Clinical Biochemistry/ Chemical Pathology	Automated HDL Cholesterol (Serum)	Direct HDL Roche 4 th generation	C311, C501	3,09 -150 mg/dl
		Albumin (Serum)	Bromocresol green (BCG) dye binding		2-60.0 g/dL
		Automated LDL Cholesterol (Serum)	Direct enzymatic		3.87-549 mg/dL
		Alkaline phosphatase (Serum)	Roche ,AMP, Buffer (IFCC)		5-1200 U/L
		ALT/SGPT(Serum)	Tris with P5P IFCC		5-700 U/L
		Amylase (Serum)	CN PG3 /CNP Triose Substrate method		3-1500 U/L
		AST/SGOT(Serum)	Tris without P5P		5-700 U/L

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
01	Clinical Biochemistry/ Chemical Pathology	Calcium (Serum)	NM-BAPTA	C501,C311	0.8-20.1 mg/dL
		Cholesterol(Serum)	IDMS		3.86-800 mg/dL
		Creatine kinase (Serum)	CK-NAC(IFCC)		3-5000 U//L
		Creatinine (Serum)	Jaffe rate blanked compensation		0.17-24.9 mg/dL
		Glucose (Serum)	Hexokinase		2-750 mg/dL
		Urine creatinine (Serum)	Alkaline picrate – kinetic, IFCC –IDMS standardized.		4.2-622 mg/dL
		Direct bilirubin (Serum)	Diachlorophenyl diazonium		1.5-291 umol/L
		Phosphorus (Serum)	Phosphomolybdate UV		0.3-20.0 mg/dL
		γ-Glutaryl Transferase (GGT) (Serum)	Gamma glut’3- carb 4’-nitro (IFCC)		3-1200 U/L
		Magnesium (Serum)	Xylidyl Blue		0.243-4.86 mg/dL
		Electrolytes (Serum)	ISE Indirect		Na ⁺ - 80-180 mmol/L
					K ⁺ - 1.5-10 mmol/L
					CL ⁻ 60-140 mmol/L
		Total Iron Binding Capacity (Serum)	Direct colorimetric		36-1000 µg/dL
		Iron (Serum)	Colorimetric without PPT		0.90-179 µmol/L
		Micro albumin (Serum)	Immunoturbedimetric		0.146-38.0mg/L
		Total Bilirubin (Serum)	Diachlorophenyl diazonium		2.5-650 µmol/L
		Triglycerides (Serum)	Lipase/G.P.O PAP no reaction		8.85-885 mg/dL
		Rheumatoid Factor (Serum)	Immunoturbidimetric assay		10-130 IU/mL
		Total protein (Serum)	Biuret reaction, end point		0.2-12 g/dL
		C- Reactive protein (Serum)	Particle enhanced Immunoturbidimetric assay		0.15-20 mg/dL

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
01	Clinical Biochemistry/ Chemical Pathology	Urinary/cerebro spinal Fluid Protein (Serum)	Benzethonium chloride	C501,C311	40-2000 mg/dL
		Uric acid (Serum)	Uricase perox with ascorb .ox		0.2-25.0 mg/dL
		Urea (Serum)	Urease kinetic		0.5-40 mmol /L
		BNP (Serum)	Chemiluminescent	Architect	10-5000 pg/mL
		HBA _{1c} (Serum)	HPLC	VariantII-Turbo D10.	3.8-18.5%
		Total IgE (Serum)	Electro Chemiluminescent Immunoassay	E601,e411	0.1-2500 IU/mL
		Urine chloride (Serum)	ISE Indirect	C501,C311	Cl ⁻ 60 - 140 mmol/L
		Urine Magnesium (Serum)	Xylidyl Blue		1.2-27 mg/dL
		Urine Uric Acid (Serum)	Uricase colorimetric		2.2-275.0 mg/dL
		Urine potassium (Serum)	ISE Indirect		1.5- 10.0 mg/dL
		ASOT (Serum)	Immunoturbidimetric	C311	20-600 IU/ml
		Cortisol (Serum)	Electro Chemiluminescent Immunoassay	E601,e411	0-1649.9 mmol/L
		Vitamin B12 (Serum)		e411	50.0-2000 pg/ml
		Estradiol (Serum)		E601,e411	1.0-1000 pg/mL
		Free T3 (Serum)			0.4-50 pmol/L
		Free T4 (Serum)			0.3-100 pmol/L
		FSH (Serum)			0.1-200 mIU/ml
		LH (Serum)			0.1-200 mIU/mL
		Progesterone (Serum)			0.05-60ng/mL
		Prolactin (Serum)			1.0-10000mIU/mL
		Serum HCG			1.2-15000 mIU/mL
		Testosterone (Serum)			0.087-52.0 nmol/L
		TSH			0.005-100 µIU/mL

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit	
01	Clinical Biochemistry/ Chemical Pathology	AFP (Serum)	Electro Chemiluminescent Immunoassay	E601,e411	0.605-1210 ng/mL	
		CA 19-9 (Serum)			0.600-1000 U/mL	
		PSA (Serum)			0.002-100 ng/mL	
		CEA (Serum)			0.2-1000 ng/mL	
		CA125 (Serum)			0.6-5000 U/mL	
		Ferritin (Serum)			0.500-2000 ng/mL	
		Hs Troponin I	CMIA	Architect	0.0-50 ng/mL	
02	Clinical Pathology	Urine Full Report				
		Physical examination				
		Colour	Visual	-	-	
		Appearance		-	-	
		Specific gravity	Strip method	MISSION U120 and MISSION U500	1.000-1.030	
		pH			5.0-9.0	
		Chemical examination				
		Protein (Albumin)	Strip method	MISSION U120 and MISSION U500	Negative to +4	
		Glucose			Negative to +4	
		Bilirubin			Negative to +3	
		Urobilinogen			Normal amount/ Slightly increased amount/ Increased amount	
		Nitrite			Negative /Positive	
		Ketone bodies			Negative to +3	
		Urobilinogen			Negative to +4	
		Leucocyte test			Negative/Trace/ to +3	
		Red cells (WBC)	Microscopic Examination	Microscope	0-2/>100	
		Pus cells (RBC)			NIL/01/02/03/04/ More than 50	
		Epithelial cells				
		Casts				
		Crystals				
		Bacteria				Nil/Present
		Yeasts				
		Others – Organisms and spermatozoa				

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
02	Clinical Pathology	Stool Full Report			
		Physical Examination			
		Colour	Visual	-	-
		Consistency		-	-
		Blood		-	Nil-+3
		Mucus		-	Present/Absent
		Red blood cells	Microscopic	Microscope -	Nil/+1/+2/+3/+4....More than 100
		Pus cells			
		Epithelial cells			
		Macrophages			
		Larvae			
		Egg of			Scanty/Few/Moderate number/ Many/Very many
		Helminthes			
		Protozoa			
		Macrophages			
		Crystals			
		Amoeba			
		Giardia Lamblia			
		Occult Blood	Rapid method	-	Negative /Positive
		Urine HCG		-	Nil/Present
		Reducing substances	Manual method	Glass tubes, Hot plate	Nil to+4
03	Serology	TPPA	Passive particle agglutination method	Fastec- UMicroplate	1:160 dilution
		Malaria Antigen	Rapid Immunochromato-graphy	-	Negative/positive
		IM (Monospot)	Agglutination method	Manual	Negative/positive
		SAT			Negative /1:320
		VDRL			Non-reactive/1:64
		Stool for Rota Virus	Rapid Immunochromato graphy		Negative /Positive
		Mycoplasma	Particle agglutination	Fastec-U microplate	1:320 dilution
		ASOT	Immunoturbidimetric	C311	20-600 IU/mL
04	Haematology	APTT	Coagulation	CA 660	< 190 S
		Blood Grouping	Tube agglutination	Manual, Centrifuge	A,B,O Rh Positive/Negative
		ESR	Westergren method	Manual	NA

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
04	Haematology	Full Blood Count			
		Haemoglobin	SLS Haemoglobin	Sysmex XS 500	< 25.0 g/dL < 26.0 g/dL
				Sysmex XN 1000	
		RBC	Hydro dynamic focusing	Sysmex XS 500,	< 8.0($\times 10^6$ /uL)
		WBC	Flow cytometry	Sysmex XS 500	< 100($\times 10^3$ cells/uL)
				Sysmex XN 1000	< 440($\times 10^3$ cells/uL)
				Sysmex XN 1000	
		Platelet	Hydro dynamic focusing Sheath flow DC detection	Sysmex XS 500	0-2000($\times 10^3$ cells/uL) 0-5000($\times 10^3$ cells/uL)
				Sysmex XN 1000	($\times 10^3$ cells/uL)103 cells/uL)
		HCT (PCV)		Sysmex XS 500 Sysmex XN 1000	< 60% <75%
		MCV	Calculated Sheath flow DC detection	Sysmex XS 500	NA
		MCH		Sysmex XN 1000	NA
		MCHC	Calculated		NA
		Prothrombin Time	Coagulation	CA 660	<100 S
		Retic's Count	Supravital Staining	Microscope	Percentage of total RBC showing reticulum
		D-dimer	Turbidimetry	CA 660	≤ 35.2 mg/L
05	Microbiology	ABST	CLSI Method	Manual	-
		AFB	Ziehl-Neelsen Staining	Microscopic	Negative/ Positive
		Blood Culture	Level of fluorescence concentration based on CO ₂ releasing	Bactec FX Phoenix 50	Negative/ Positive
		Faeces Culture	Culture	Incubator	Negative/ Positive
		Fluids Culture			
		Gram Stain	Gram Stain Method	Microscopic	Negative/ Positive
		Urine Culture	Culture	Incubator	Negative/ Positive
		Sputum Culture			

SI	Field of Testing	Test	Test Method	Test Instrument	Reference range / Detection Limit
05	Microbiology	Swabs Nasal swab Ear Swab Eye Swab HVS Pus swab MRSA screening swab Throat swab	Culture	Incubator	Negative/ Positive
		CSF			
06	Sampling	Collection of Blood and Urine	Primary Sample collection Manual	An approved list of sample collection centers are attached	

Sample Collection Centers

Si No	Sample Collection Center	Address	Metrix of the Sample
1.	Arogya Medi House-Kotikawatt	No,354,Awissawella Road	Plain/EDTA/Urine/Stool/Sugar Tube/ ESR Tube/
2.	Family Medi CareMulleriyawa	No,417b.Himbutana Road,Mulleriyawa,New Town	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
3.	Mulleriya North Medi Clinic	No.436/1,Awissawella Road,Mulleriya North	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
4.	Mulleriya Nursing Home	No.246/2,Udahamulla ,Mulleriyawa,New Town	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
5.	G.H.C. Medical Center	No.34/1/B,Kolonnawa Road,Gothatuwa,New Town	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
6.	Sahana Dianostic Lab-Wellampitiya	No,1/14.Awisswella Road,Wellampitiya	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
7.	Samadi Medical Center	No.45/1,Kajugahawatta,Gothatuwa,New Town	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
8.	Sri Suwasetha Medical Center	No.470,Kolonnawa Road,Kolonnawa	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
9.	Thalagaha Medical Center	Thalagaha Juntion,Gothatuwa	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
10.	Wellampitiya Medical Center	No,105,Awisswell Road,Wellampitiya	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
11.	Blue Cross Medical Center	No.682,Cotta Road,Rajagiriya	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
12.	Suseka Womens Co-Oprative	No.155/2 Kinsy Road,Borella, Colombo-7	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
13.	Westurn Infirmary Hospital	No. 248, Kotaroad Rajagiriya	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
14.	Medi Clinic Dematagoda	No,848/2dematagoda Road	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
15.	Greencross Medical Center	No.11,Stuwart Street,Colombo-02	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
16.	Healthy Life Medical Center	No.10 Deel Place, Duplication Road,Colombo -3	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
17.	Family Medi Care	417 B229, Dehiwala-Mount Lavinia	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
18.	A.P.S.Medical Center	No.68brass Founder Street,Colombo -13	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
19.	Central Clinic	No.64,Himmihapuhami Mawatta,Colombo-13	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
20.	Karuniya Medical Center	No.96c,Wasala Road,	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
21.	Medi Teach Laboratory	No. Mattakkuliya Road	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
22.	Nadanamurugan Hall	No.140,Vivekananda Hill,Colombo -13	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/

Si No	Sample Collection Center	Address	Metrix of the Sample
23.	Health Line Medical Center	NO.44/2A 19th, Lane,Nawagampura Colombo-14	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
24.	Aluthkade Medical Center	No.18a,Abdul Hameed Street, Colombo-12	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
25.	Maligawatta Medical Center	No.A/G/2,Jumma Masjid Road,Maligawatta Co-10	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
26.	Morden Dispensary	No.2,Abdul Hameed Street,Colombo-12	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
27.	Uni Lever (Pvt)Ltd	Grand Pass Colombo-12	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
28.	Pandura Nawaloka	Sachithra Hospital, 76, Horana Road, Panadura,	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
29.	Colobo Medi Lab	No.3,Milagiriya Avenue,Bamabalapitiya	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
30.	Pantagon Clinic	Hemdon Lane Wellawatta	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
31.	Insilab Migration Resources Mc	No: 02, Bawa Place, Cotta Road	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
32.	Kotikawatta Medical Center	No: 106, Avissawella Road	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
33.	Kothalawala Nursing Home	No: 51, New Kandy Road,Kothalawala, Kaduwela	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
34.	Olive Medical Center	No: 32/38 Sri Sumanatissa Mawatta Colombo-12	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
35.	My Health Clinic	No: 537, K Cril C Perera, Mawatha	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
36.	Maligawatta Medical Services	No.102,Maligawatta Road Colombo-10	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
37.	Castle Collecting Center	167,Castle Street, Colombo 08	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
38.	Kolonnawa Collecting Center	No: 166 Kolonnawa Road, Kolonnawa	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
39.	Kalubovila Collecting Center	No:321 Hospital Road, Kalubovila Dehiwala	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
40.	ARC International Fertility Center	No: 16/1, Josep Lane, Colombo04	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
41.	Heartaid Center	No: 96/4, Rosmead Place Colombo-07	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
42.	City Medical Center	No: 296/1/1, Ekamuthupura Mattakkuliya	Plain/EDTA/Urine/Stool/ Sugar Tube/ ESR Tube/
43.	Long Life Laboratory	No215/B Sea Street Negombo	Plain/EDTA/Urine/Stool
44.	Welipannagamulla Medi Lab	Udawela Road Welipannagamulla Naththandiya	Plain/EDTA/Urine/Stool
45.	Shanti Waidya Niwesa	210/1/C Giriulla Road Katana	Plain/EDTA/Urine/Stool

Si No	Sample Collection Center	Address	Metrix of the Sample
46.	St Anne's Nursing Home	Diwlapitiya Road Dunagaha	Plain/EDTA/Urine/Stool
47.	Bio Tech Medilab	No 182/C Veyangoda Road Minuwangoda	Plain/EDTA/Urine/Stool
48.	New Medi Lab	141/A Adiambalama Katunayaka	Plain/EDTA/Urine/Stool
49.	St Annes Nursing Home	Church Road Maravila	Plain/EDTA/Urine/Stool
50.	Family Medic	Negombo Road Kadana	Plain/EDTA/Urine/Stool
51.	Life Care Laboratory	303/B/3 Ganemulla Road 7 Kanuwa Kadana	Plain/EDTA/Urine/Stool
52.	Jaela Ragama Hospital	No 259 Negombo Road Jaela	Plain/EDTA/Urine/Stool
53.	Giriulla Medical center	96 Main Street Giriulla	Plain/EDTA/Urine/Stool
54.	Shanya Hospital	No:04,Osmium Lane, Mirigama Town	Plain/EDTA/Urine/Stool
55.	Ave mariya Hospital	Ave Maria Rd, Negombo	Plain/EDTA/Urine/Stool
56.	Medical Centre	4th Mile Post, Kalehewanchawala, Galle.	Plain/EDTA/Urine/Stool
57.	Batapola Sahana	Uduwila Junction, Batapola.	Plain/EDTA/Urine/Stool
58.	Thanipolgaha Nursing Home	No:98,H.K.Edman Mawatha,Thanipolgaha Junction, Galle	Plain/EDTA/Urine/Stool
59.	Sha - Medical Home	No:282/B,Baddegama Road,Sarathukade Junction, Galle	Plain/EDTA/Urine/Stool
60.	Elpitiya Medical	No:103/A,Kelin Weediya,Elpitiya	Plain/EDTA/Urine/Stool
61.	Suwana Hospital	No:03,T.Ct.Fernando Mawatha,Ambalangoda	Plain/EDTA/Urine/Stool
62.	Thiseth Medical Centre	No:24,Gonnagahahena,Ahangama	Plain/EDTA/Urine/Stool
63.	Srikatha - Medical Centre	No:401,Hendri Sederis Mawatha,Dangedara,Galle	Plain/EDTA/Urine/Stool
64.	People's Medi House	People's Medi House, Mathara Para,Habaraduwa	Plain/EDTA/Urine/Stool