

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



Valid from 05 December 2022
to 04 December 2025
Issued on 20 December 2022



ISO 15189
ML 040-01

Schedule of Accreditation

Accreditation Scheme for Medical/Clinical Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: ML 040-01

Melsta Labs (Pvt.) Ltd.
No. 01, Geethanjali Place,
Colombo 03

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

The laboratory is accredited for the following tests.

Sl	Field of Testing	Test	Test Method	Test Instrument	Linearity range
01	Clinical Biochemistry/ Chemical Pathology	ALT (Serum)	UV without Pyridoxal-5-phosphate	Cobas C311	2 - 700 U/L
		AST (Serum)			5 - 700 U/L
		Total Cholesterol (Serum)	Cholesterol oxidase, esterase, peroxidase		9.7 - 800 mg/dL
		Cholesterol-HDL (Serum)			3.09 - 150 mg/dL
		Creatinine (Serum)	Enzymatic IFCC-IDMS standardized		0.06 – 30.5 mg/dL
		Triglycerides (Serum)	Enzymatic, endpoint		8.85 – 885 mg/dL
		Urea (Serum)	Kinetic test with urease & glutamate dehydrogenase		3.0 – 240 mg/dL

Sl	Field of Testing	Test	Test Method	Test Instrument	Linearity range		
01	Clinical Biochemistry / Chemical Pathology	Sodium (Serum)	ISE Indirect method	Cobas C311	80 – 180 mmol/L		
		Potassium (Serum)			1.5 – 10.0 mmol/L		
		Chloride (Serum)			60 – 140 mmol/L		
		Direct Bilirubin (Serum)	Diazo method		0.08 – 13.8 mg/dL		
		Total Bilirubin (Serum)			0.146 – 38.0 mg/dL		
		Glucose (Plasma)	Hexokinase method		2 – 750 mg/dL		
		HbA1c (Whole Blood)	High Performance Liquid Chromatography	Tosoh G8 -90SL	2.2 - 22.2 %		
		BETA HCG (Serum)	Electroluminescence method	Cobas E411	0.100 – 10000 mIU/L		
		PSA Total (Serum)			0.002-100 ng/ml		
		Ferritin (Serum)			0.500-2000 ng/mL		
		TSH (Serum)			0.005-100 µIU/mL		
		FT3 (Serum)			0.6 -50 pg/mL		
		FT4 (Serum)			0.5 -100 ng/dL		
		02	Haematology	Full Blood Count			
				Hb	SLS Hb method	Sysmex XN 550	0.1 to 26.0 g/dL
RBC	Hydrodynamic focusing dc detection method			0.01 to 8.60			
WBC	Flow cytometry			0.03 to 440.0			
DC				0.03 to 440.00			
Platelet	Hydrodynamic focusing dc detection method			2 to 5000			
HCT	RBC plus height RBC detection method			0.1 to 75.0			
MCV	Calculated			-			
MCH				-			
MCHC				-			
PT	Clotting method			CA 660	100 seconds		
APTT							

SI	Field of Testing	Test	Test Method	Test Instrument	Linearity range	
03	Clinical Pathology	Urine full report				
		Biochemical strip method	Diagnostic Strips for Urinalysis SD Urocolour strip	N/A		
		Protein			Nil- >400mg/dl	
		Glucose			Neg- >2000mg/dl	
		Urobilinogen			Normal-Increased	
		Ketones			Not detected – Detected	
		Nitrites			Not detected – Detected	
		PH			5 – 9	
		Specific Gravity			1.005-1.030	
		Leucocytes			Not seen - >100Hpf	
		RBC			Not seen - >100Hpf	
		Bilirubin			Negative – Positive	
		Microscopic Examination	Seen under Microscope	N/A		
		Pus cells			Not seen - >100 HPF	
		Red blood cells			Not seen - >100 HPF	
		Casts			Not seen - >10 LPF	
		Crystals			Not seen - Heavy HPF	
		Bacteria (if present)			Very few - Heavy	

Sl	Field of Testing	Test	Test Method	Test Instrument	Linearity range															
04	Microbiology/ Serology	Gram Stain	Preston and Morrells (1962) modified Lillies method	Microscope	<table border="1"> <thead> <tr> <th>Count</th> <th>Enumeration of cells under low power (X10) objective</th> <th>Enumeration of bacteria under oil immersion objective (X100)</th> </tr> </thead> <tbody> <tr> <td>1+ (rare or occasional)</td> <td>1/LPF</td> <td>1/OIF</td> </tr> <tr> <td>2+ (Few)</td> <td>1-9/LPF</td> <td>1-5/OIF</td> </tr> <tr> <td>3+ (moderate)</td> <td>10-25/LPF</td> <td>6-30/OIF</td> </tr> <tr> <td>4+ (heavy)</td> <td>>25/LPF</td> <td>>30/OIF</td> </tr> </tbody> </table> <p>LPF- Low power field OIF- Oil immersion field</p>	Count	Enumeration of cells under low power (X10) objective	Enumeration of bacteria under oil immersion objective (X100)	1+ (rare or occasional)	1/LPF	1/OIF	2+ (Few)	1-9/LPF	1-5/OIF	3+ (moderate)	10-25/LPF	6-30/OIF	4+ (heavy)	>25/LPF	>30/OIF
		Count	Enumeration of cells under low power (X10) objective	Enumeration of bacteria under oil immersion objective (X100)																
1+ (rare or occasional)	1/LPF	1/OIF																		
2+ (Few)	1-9/LPF	1-5/OIF																		
3+ (moderate)	10-25/LPF	6-30/OIF																		
4+ (heavy)	>25/LPF	>30/OIF																		
		Urine Culture & ABST	<p>Semi-quantitative culture technique, Identify the organisms using physiological, morphological, and chemical characterization. And then determine how to treat the infection by performing an antibiotic sensitivity test with the disc diffusion method.</p> <p>Reference Material: Laboratory manual in Microbiology, 2nd. Edition, MRI Cowan and Steel's Manual for the Identification of Medical Bacteria, 3rd. edition CLSI Guidelines (M100) Henry D. Isenberg Clinical Microbiology Handbook, 3rd. edition</p>	Manual																

Approved Sample Collection Centers

No	Sample Collection Centre	Address	Matrix of the sample
01	Habarakada Nursing Home	No. 274/5, Godagama Road, Habarakada	Blood, Urine, Stool, Swabs, Serum, plasma
02	Arogya Medi House	Kotikawaththa	Blood, Urine, Stool, Swabs, Serum, plasma
03	Green Labaratory	IDH	Blood, Urine, Stool, Swabs, Serum, plasma
04	Health Smart	NO. 276, Rajagiriya Road, Rajagiriya	Blood, Urine, Stool, Swabs, Serum, plasma
05	Kotikawaththa Mc	Mulleriyawa New Town, Angoda	Blood, Urine, Stool, Swabs, Serum, plasma
06	Leeds Health Centre	No. 300, Temple Road, Thalathpitiya, Nugegoda	Blood, Urine, Stool, Swabs, Serum, plasma
07	3rd Lane Medical Centre	3rd Lane, Katubadda, Rathmalana	Blood, Urine, Stool, Swabs, Serum, plasma
08	Bio Lab Diagnostics Service	No. 43, Bandaranayaka Mawatha, Katubadda, Moratuwa	Blood, Urine, Stool, Swabs, Serum, plasma
09	Dr. S. K. Kularatne	Mount Lavinia	Blood, Urine, Stool, Swabs, Serum, plasma
10	Familly Clinic	No. 119/2, Siri Rahula Mawatha, Katubadda, Rathmalana	Blood, Urine, Stool, Swabs, Serum, plasma
11	Med Line /Veenus	Panadura Old Road, Keselwaththa	Blood, Urine, Stool, Swabs, Serum, plasma
12	Moratu Medical Centre	No. 435, Galle Rd, Moratuwa	Blood, Urine, Stool, Swabs, Serum, plasma
13	Kaduwellla Pvt. Hospitals	No. 108/10, Bandarawaththa, Biyagama, Kaduwela	Blood, Urine, Stool, Swabs, Serum, plasma
14	Kothalawala Nursing Home	No. 246, New Kandy Road, Kothalawela	Blood, Urine, Stool, Swabs, Serum, plasma
15	Medi House Micro Lab	No. 96/G/1/1, Main Street, Pugoda	Blood, Urine, Stool, Swabs, Serum, plasma
16	Kasbawa Mc	Kasbawa	Blood, Urine, Stool, Swabs, Serum, plasma
17	Joseph Fraser Hospital	No. 23, Joseph Fraser Road, Keppetipola Road Colombo 05	Blood, Urine, Stool, Swabs, Serum, plasma
18	Emerge Health Care	No. 67, Galle Road, Keselwatta, Panadura	Blood, Urine, Stool, Swabs, Serum, plasma
19	Medi Right	No. 110, Lunawa, Moratuwa	Blood, Urine, Stool, Swabs, Serum, plasma
20	Gp Clinic	No. 07, Aponsu Road, Dehiwala	Blood, Urine, Stool, Swabs, Serum, plasma
21	Mulleriyawa Nursing Home	Mulleriyawa Base Hospital Road, Mulleriyawa	Blood, Urine, Stool, Swabs, Serum, plasma
22	Kothalawala Nursing Home	No. 246, New Kandy Road, Kothalawala	Blood, Urine, Stool, Swabs, Serum, plasma
23	Suvik Lanka	Hospital Road, Udupila	Blood, Urine, Stool, Swabs, Serum, plasma
24	Medisys	No. 94/32, Dompe	Blood, Urine, Stool, Swabs, Serum, plasma
25	Dispensary and Surgery	Dehiwala Road, Maharagama	Blood, Urine, Stool, Swabs, Serum, plasma

No	Sample Collection Centre	Address	Matrix of the sample
26	Medro Clinic	Railway Avenue, Nugegoda	Blood, Urine, Stool, Swabs, Serum, plasma
27	Sukithashanya Lab	Colombo Road, Nugegoda	Blood, Urine, Stool, Swabs, Serum, plasma
28	Shanya Lab	Hospital Road, Piliyandala	Blood, Urine, Stool, Swabs, Serum, plasma
29	Kts Lab	Moratumulla, Moratuwa	Blood, Urine, Stool, Swabs, Serum, plasma
30	Suwasetha Medical Lab	Biyagama	Blood, Urine, Stool, Swabs, Serum, plasma
31	Bio Tech	No. 231, Radawana Road Yakkala, Gampaha.	Blood, Urine, Stool, Swabs, Serum, plasma
32	Ultra-Lab Diagnostics Makola	No. 243/2, Makola South, Makola Kelaniya	Blood, Urine, Stool, Swabs, Serum, plasma
33	The Life Health Care Center	Aluthmawatha Road, Colombo -15	Blood, Urine, Stool, Swabs, Serum, plasma
34	Pdc Medical Laboratory	No. 202/13, Galle Road, Kalutara	Blood, Urine, Stool, Swabs, Serum, plasma
35	Biyagama Pvt Hospitals	Walgama Road, Malwana, Biyagama	Blood, Urine, Stool, Swabs, Serum, plasma
36	Healthcare (Pvt)Hospital	498/4, Borella Road, Panagoda , Homagama	Blood, Urine, Stool, Swabs, Serum, plasma
37	Lanka Diagnostics Centre	Hospital Road, Homagama	Blood, Urine, Stool, Swabs, Serum, plasma
38	Singhe Hospitals Homagama	No. 50/01, Kottawa Road, Homagama	Blood, Urine, Stool, Swabs, Serum, plasma
39	Health Win Nursing Home	No. 749, Milenium City, Athurugiriya	Blood, Urine, Stool, Swabs, Serum, plasma
40	Ingiriya Medical Laboratory	No. 83a, Panadura Road, Ingiriya	Blood, Urine, Stool, Swabs, Serum, plasma
41	Medicare Dispensary	No. 457, Rathnapura Road, Munagama Horana	Blood, Urine, Stool, Swabs, Serum, plasma
42	Health Sencer Medical Lab	No. 24/A, Aberathna Mawatha, Boralasgamuwa	Blood, Urine, Stool, Swabs, Serum, plasma
43	Family Care Hospital Kelaniya	Kelaniya	Blood, Urine, Stool, Swabs, Serum, plasma
44	Pitipana Medi Lab	Pitipana	Blood, Urine, Stool, Swabs, Serum, plasma
45	Diagno Medilab & Medicsl Services	Colombo 15	Blood, Urine, Stool, Swabs, Serum, plasma
46	Ave Mariya Medi Lab	Bopitiya, Pamunugama, Negombo	Blood, Urine, Stool, Swabs, Serum, plasma
47	Medi Aid Dispensary	Rajagiriya	Blood, Urine, Stool, Swabs, Serum, plasma
48	Chaneel Way Nursing Home	Godagama, Rathnapura	Blood, Urine, Stool, Swabs, Serum, plasma
49	Mediquick (Pvt) Ltd	No. 535, Negombo Road, Wattala	Blood, Urine, Stool, Swabs, Serum, plasma
50	Sihasa Medical Laboratory Services	No. 59/A, Morontuduwa Road, Wadduwa	Blood, Urine, Stool, Swabs, Serum, plasma
51	Sanro Lab	Galle Road, Molligoda	Blood, Urine, Stool, Swabs, Serum, plasma
52	Life Laboratory	No. 202/13, Horana Road, Panadura	Blood, Urine, Stool, Swabs, Serum, plasma

No	Sample Collection Centre	Address	Matrix of the sample
53	Rosewilla Medical Center	Hunupitiya	Blood, Urine, Stool, Swabs, Serum, plasma
54	Ama Health Care	Mahara, Kadawatha	Blood, Urine, Stool, Swabs, Serum, plasma
55	Suwana Helth Care Hospital	Chillaw	Blood, Urine, Stool, Swabs, Serum, plasma
56	Dilma Laboratory	Wadiyamankada Junction, Waskaduwa	Blood, Urine, Stool, Swabs, Serum, plasma
57	Dr. Prasannagamage M.C	Athurugiriya	Blood, Urine, Stool, Swabs, Serum, plasma
58	Diagno Lab	No. 256/A, Kaduwela Road, Koswatta	Blood, Urine, Stool, Swabs, Serum, plasma
59	Mdk Hospital	No. 149, Sri Ariyavilasa Road, Horana	Blood, Urine, Stool, Swabs, Serum, plasma
60	Life Line Medical Center	Minuwangoda	Blood, Urine, Stool, Swabs, Serum, plasma

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment
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