KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

P. O. Box 47400 – 00100 | TEL. +254 - 20 484 0000 | Nairobi, Kenya

Email: info@kenas.go.ke | Web: www.kenas.go.ke

SCHEDULE OF ACCREDITATION

METROPOLIS STAR LABORATORY KENYA LIMITED

ISO 15189:2022

Medical Laboratory Number: **KENAS/ML/50**

PERMANENT ADDRESS OF LABORATORY

Pramukh Towers 3rd Floor, Westlands Road

P.O.BOX 38392-00623

Nairobi, Kenya

TEL: +254 730 490000

Email: kenya.support@metropolisafrica.com

Website: www.metropolisafrica.com

Laboratory Director:

Dr Ali Kassim

Nominated Representative:

Richard Barasa

Approved by: _____ Date: 13-MAR-2025

KENAS CEO/ Authorized Representative

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SCHEDULE OF ACCREDITATION

No	Medical Field	Examination Technique	Equipment	Specimen	Components/Analytes	Test Location
1	Haematology	Flow Cytometry, Hydronamic focused detection & Electrical Impedance	Mindray BC 5000	EDTA Whole blood	White Blood Cells Red Blood Cells Haemoglobin Platelets Haematocrit Mean Corpuscular Haemoglobin (MCH) Mean Corpuscular Haemoglobin Concentration (MCHC) Mean Corpuscular Volume (MCV) Platelet Red cell Distribution Width (RDW)%	Mukdeep Towers-Mombasa Landmark Plaza Parklands Medical Centre
			Sysmex XN 330		Red Blood Cells Haemoglobin Platelets Haematocrit Mean Corpuscular Haemoglobin (MCH) Mean Corpuscular Haemoglobin Concentration (MCHC) Mean Corpuscular Volume (MCV) Platelet Red cell Distribution Width (RDW)% White Blood Cells • Neutrophils • Monocytes • Lymphocytes • Eosinophils • Basophils	Pramukh Towers
		Giemsa Stain (Peripheral Blood Smear)	Manual	EDTA whole blood	Blood cells morphology, number & type	Pramukh Towers
		High-performance liquid chromatography	Bio-Rad D10		Abnormal Haemoglobin Variants	Pramukh Towers
					Glycated Haemoglobin (HbA1C)	Pramukh Towers Parklands Medical Centre

						Landmark Plaza
		Antigen -Antibody agglutination	Manual		ABO & Rhesus grouping	Pramukh Towers & Landmark
		Coagulation assays (optical)	Humaclot Junior	Citrated Plasma	Activated Partial Thromboplastin Time (APTT)	Pramukh Towers
					Prothrombin time/ INR	
2	Clinical Chemistry	Colorimetric, Enzymatic, Kinetic, Endpoint, Turbidimetric, IFCC,	Cobas c111	Serum/Plasma (Li-Heparin/EDTA)	Total Protein Albumin Total Bilirubin Direct Bilirubin Total Cholesterol HDL- Cholesterol LDL- Cholesterol Triglycerides Alkaline Phosphatase Urea Aspartate Aminotransferase Alanine Aminotransferase Gamma-Glutamyl Transferase Creatinine	Mukdeep Towers-Mombasa
					C-Reactive Protein	Parklands Medical Centre
				Serum/ Na Fluoride Plasma	Glucose	Mukdeep Towers
			Mindray BS 600M	Serum/Plasma (Li-Heparin/ EDTA)	Total Protein Albumin Total Bilirubin Direct Bilirubin Total Cholesterol HDL- Cholesterol LDL- Cholesterol Triglycerides Alkaline Phosphatase Urea Aspartate Aminotransferase Alanine Aminotransferase Gamma-Glutamyl Transferase Creatinine Sodium Potassium Chloride Phosphorus Calcium Uric Acid	Parklands Medical Centre
		Ion-Selective Electrode	ST200 Aqua	Serum/Plasma (Li-Heparin/	Sodium Potassium	Mukdeep Towers-Mombasa

		(Direct)		EDTA)	Chloride	
		Colorimetric, Enzymatic, Kinetic, Endpoint, Turbidimetric, IFCC, Immunoihibition, Spectrophotometry Ion-Selective Electrode (Direct)	Cobas Pure c303	Serum/Plasma (Li-Heparin /EDTA)	Albumin Amylase Lipase Lactate Dehydrogenase Alkaline Phosphatase Alanine Aminotransferase Aspartate Aminotransferase Creatine Kinase-MB (CK-MB) Creatinine Phosphokinase Creatinine Direct Bilirubin Total bilirubin Gamma-Glutamyl Transferase HDL- Cholesterol LDL- Cholesterol Total Cholesterol Triglycerides Total Protein Urea Uric Acid Chloride Potassium Sodium	Pramukh Towers
		Photometry Turbidimetry Spectrophotometry		Serum	Calcium C-Reactive Protein Iron Magnesium Phosphorus	Pramukh Towers
				Citrated Plasma	D-dimer	
				Serum	Cholinesterase Rheumatoid Factor Cyclic citrullinated peptide (CCP)	
				Urine	Albumin	
				Serum/ Na Fluoride Plasma	Glucose	
		Spectrophotometry , Turbidimetry, Enzymatic & ISE	Roche Cobas Integra 400 Plus	Serum/Plasma (Li-heparin or EDTA)	Transferrin Albumin Amylase Lipase Alanine Aminotransferase Alkaline Phosphatase Aspartate Aminotransferase Creatinine Direct Bilirubin Total bilirubin Gamma-Glutamyl Transferase	Landmark Plaza

					HDL- Cholesterol LDL- Cholesterol Total Cholesterol Triglycerides Total Protein Urea Uric Acid Magnesium Phosphorus Lactate Dehydrogenase Chloride Potassium Sodium	
				Serum/ Plasma (fluoride)	Glucose C-Reactive Protein Iron	Landmark Plaza
				Serum	Calcium	
		Electro-chemiluminescence immunoassay (ECLIA)	Roche E411	Serum/Li-heparin K2-EDTA & K3-EDTA plasma	Thyroxine Free (FT4) Triiodothyronine Free (T3)	Pramuk Towers, Landmark, Mukdeep Towers-Mombasa & Parklands Medical Centre
				Serum/Li-heparin K2-EDTA & K3-EDTA plasma	25-hydroxyvitamin D	Pramukh, Landmark & PMC
				Serum/Na-heparin, Li-heparin K2-EDTA & K3-EDTA plasma	Vitamin B12	Pramukh, Landmark & Parklands Medical Centre
				Serum/Na-heparin, Li-heparin, K3-EDTA and Sodium Citrate Plasma	Prostate Specific Antigen Total	Pramukh, Landmark & Parklands Medical Centre
				Serum/Na-, Li-, NH heparin,	Thyroid Stimulating Hormone	Pramukh Towers,

				K3-EDTA, Sodium Citrate Plasma/Sodium fluoride/Potassium oxalate plasma		Landmark, Mukdeep Towers & Parklands Medical Centre
					Alpha-fetoprotein (AFP) Cancer Antigen 19-9 Cancer Antigen 125 Carcinoembryonic Antigen	Landmark, Pramukh Towers
					Anti-cyclic citrullinated peptide Parathyroid Hormone (PTH)	Landmark Plaza
				Serum	beta Human Chorionic Gonadotropin (β -hCG)	Pramukh Towers, Landmark & Parklands Medical Centre
					Anti-Müllerian hormone (AMH) Estradial Ferritin Follicle Stimulating Hormone (FSH) Hepatitis B Surface Antigen (HbSAg) Hepatitis C viral Anibodies Human Immunodeficiency virus antigen Luteinizing Hormone Prolactin	Pramukh Towers & Landmark Plaza
					Progesterone Folate	Landmark Plaza
		Electro-chemiluminescence immunoassay (ECLIA)	Cobas Pure e402	Serum	Cancer Antigen 15-3	Pramukh Towers
					Pro Brain natriuretic peptide (pro BNP) Free Prostate Specific Antigen (FPSA) Cortisol Folate IGE Insulin PTH Progesterone Testosterone	
			Vidas Kube		Cytomegalovirus Immunoglobulin M & G	

		Enzyme-Linked Fluorescent Assay (ELFA)			(CMV IgG & IgM)	
					Rubella virus Immunoglobulin M & G	
					Toxoplasma virus Immunoglobulin M & G	
					Antithyroglobulin antibody (ATG)	
					Anti-TPO	
3.	Immunology	Latex Agglutination	Manual	Serum	Anti-Streptolysin O titres Rheumatoid Factor	Pramukh Towers, Landmark Plaza, Parklands Medical Centre
					SARS-COV-2 Antigen	Landmark Plaza
		Immuno-chromatography		EDTA whole blood	Malaria *spp.* antigen	Pramukh Towers & Landmark
		Flocculation		Serum	Treponema Pallidum ag. (Syphilis)	Pramukh tower, Landmark Plaza Parklands Medical Centre
4.	Microbiology	Culture	Manual	Urine Stool CSF Body fluids High Vaginal, Pus, Ear, Eye, Throat & Urethral swabs	Various pathogenic Bacteria	Pramukh Towers
		Gram Stain (identification)	Light Microscope	Various pathogenic Bacterial isolates	Gram positive / Gram Negative bacterial spp	
		AST-Kirby Bauer	Manual	Various Pathogenic Isolates	Antibiograms of specific organisms to antimicrobial drugs	
		Biochemical		Stool	Occult Blood	Pramukh Towers , Landmark Plaza,

						Parklands Medical Centre
		Microscopy		Urine Sediment	Red blood cells, White blood cells, Epithelial cells, casts, crystals, bacteria, yeast, parasites	Pramukh, Landmark Plaza, Parklands Medical Centre
		Reflectance Photometry & Photosensitive Diode	Mission 500	Urine	Glucose Bilirubin Ketone Specific gravity Blood pH Urobilinogen Nitrite Leukocytes	Pramukh, Landmark Plaza Parklands Medical Centre
	Microbiology (Mycobacteriology)	Ziehl Nielsen Stain (Identification)	Manual	Sputum and other Fluids	Mycobacterium *tuberculosis* & Other Acid-fast Bacilli	Pramukh Towers
	Microbiology (Molecular biology)	Polymerase chain reaction (PCR)	Rotor Gene Q	Nasopharyngeal & Oropharyngeal swab	SARS-COV-2 RNA	Landmark Plaza
		Multiplex real-time Polymerase chain reaction			Chlamydia *trachomatis* (CT), Neisseria *gonorrhoeae* (NG), Mycoplasma *genitalium* (MG), Trichomonas *vaginalis* (TV).	
5.	Parasitology	Giemsa stain (Identification)	Light Microscope	Peripheral Blood Film	Malaria parasite *spp*	Landmark Plaza
		Microscopy		Stool	Trophozoites, Ova & Cysts	Pramukh towers Landmark Plaza, Parklands Medical Centre
6	Histology & Cytology	ZN staining Giemsa staining H&E staining Pap smear staining	HistoCore Pearl Tisuue Processor & Manual Processing	Biopsies (Tissue) Cervical Smears (Pap smears)	Tissue Morphology Cell Morphology	Pramukh Towers

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Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	16-MAR-2018	16-MAR-2018	15-MAR-2021
1st Re-Accreditation	11-MAR-2021	11-MAR-2021	15-MAR-2025
Extension of Scope	12-MAY-2022	12-MAY-2022	15-MAR-2025
2nd Re-Accreditation	13-MAR-2025	13-MAR-2025	15-MAR-2029

This schedule is issued subject to the terms and conditions of KENAS Accreditation. It supersedes any other schedule(s) issued in the past

Approved by: _____ Date: 13-MAR-2025

KENAS CEO/ Authorized Representative