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

KENYA MEDICAL RESEARCH INSTITUTE – WALTER REED ARMY INSTITUTE OF RESEARCH -AFRICA

KOMBEWA CLINICAL RESEARCH CENTER LABORATORY

ISO 15189:2022

Medical Laboratory Number: **KENAS/ML/178**

PERMANENT ADDRESS OF LABORATORY

Along Kisumu Bondo road- near Kombewa Market

P. O. BOX 54, Kisumu, Kenya

Tel: +254 728 786 148

Email: info@usamru-k.org

Laboratory Director:

Dr. Walter Otieno

Nominated Representative:

Paul L. Omolo

Approved by: _____ Date: 20-DEC-2024

KENAS CEO/ Authorized Representative

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No.	Medical Field	Examination Technique	Equipment	Specimen	Components/ Analytes	Test Location
1	Hematology	Electrical Impedance, Flowcytometry and Optical Scatter	ACT 5 Diff Coulter & Sysmex XN1000	Whole blood	Red Blood Cells (RBC) Platelets (PLT) Hemoglobin (HB) Hematocrit (HCT) White Blood Cells -Basophils -Lymphocytes -Monocytes -Neutrophils -Lymphocytes -Monocytes Mean Corpuscular Volume (MCV) Mean Corpuscular Hemoglobin (MCH) Mean Corpuscular Hemoglobin Concentration (MCHC)	Kombewa Clinical Research Center Lab (KCRCL)
2	Biochemistry	Spectrophotometry	Cobas C311/Cobas C111	Serum	Alanine aminotransferase (ALT) Aspartate aminotransferase (AST) Alkaline Phosphatase (ALP) Direct Bilirubin Total Bilirubin Urea/BUN Calcium Uric acid Creatinine Albumin Total Protein Glucose Total Cholesterol Triglycerides High Density Lipoprotein (HDL) Low-Density Lipoprotein (LDL) Magnesium Phosphate	KCRCL
		Ion Selective Electrode (ISE-Indirect)	Cobas C311/Cobas C111	Serum	Sodium Potassium Chloride	KCRCL
3	Parasitology	Microscopic examination of Giemsa-stained blood Smears	Microscope	Whole blood (Thick and Thin blood smears)	Malaria parasites (Plasmodium species)	KCRCL
4	Urine chemistry/microscopy	Lateral flow	Rapid Kits	Urine	Pregnancy Test by urine HCG	KCRCL
		Urine Chemistry	Dipstick biochemistry	Manual	Blood Urobilinogen Glucose Nitrates pH Bilirubin Ketones Proteins Leucocytes	KCRCL

					Specific Gravity	
		urine microscopy	Microscope	urine	Urine parasites, bacteria and casts	KCRCL
5	Microbiology	Culture & antimicrobial sensitivity	BD Bactec 9050 BD Phoenix 100	Blood	Pathogenic bacterial Identification Antimicrobial sensitivity	KCRCL
	Microbiology (bacteriology)	Gram Staining	Microscope	Gram-stained smears	Bacterial identification	KCRCL
6	Immunology/ Serology	flocculation reaction	Manual	Serum	Syphilis Rapid Plasma Reagin (RPR) test	KCRCL
		Immuno-chromatography	Rapid Diagnostic Tests	Serum/ plasma	HIV Antigen/Antibody	KCRCL
		enzyme immunoassay (EIA)	Biorad	Serum/ plasma	Hepatitis B Surface Antigen	KCRCL
					Hepatitis C Antibodies	KCRCL
		Dry Immunochemistry	Abbott Pima	Whole blood	CD3+ CD4+ Absolute Count	KCRCL
7	Molecular Biology	Polymerase Chain Reaction (PCR)	GeneXpert®	Plasma	HIV 1 Viral Load	KCRCL
				Sputum	Mycobacterium tuberculosis and rifampicin resistance (MTB/RIF)	KCRCL

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	20-DEC-2024	20-DEC-2024	19-DEC-2028

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: 20-DEC-2024

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