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-CENTRE FOR GLOBAL HEALTH RESEARCH, KISUMU

(HIV-RESEARCH LABORATORY)

ISO 15189:2022

Medical Laboratory Number: **KENAS/ML/167**

PERMANENT ADDRESS OF LABORATORY

Kenya Medical Research Institute - Kisumu

Kisian Campus Off Kisumu-Busia Road

Opposite Kisian Primary School

P. O Box 1578 Kisumu, Kenya

Telephone Number: (254) 057-22923, + 254 723 903 176

Email: KisumuHIVRLAB@kemri.go.ke , Vopollo@kemri.go.ke

Website: www.kemri.go.ke

Laboratory Director:

Valarie Opollo

Nominated Representative:

Emily Anyango Odawo

Approved by: _____

KENAS CEO/ Authorized Representative

Date: 17-APR-2025

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SCHEDULE OF ACCREDITATION

No	Medical Field	Examination Technique	Equipment	Specimen	Components / Analytes	Test Location
1	Clinical Chemistry	Spectrophotometry & Ion Selective Electrode (ISE)	Cobas c311 & Integra 400 plus	Serum	Albumin Alkaline Phosphatase (ALP) Aspartate Aminotransferase (AST) Bicarbonate Urea Aspartate Transaminase (ALT) Total Bilirubin Total Cholesterol Creatinine kinase (CK) Glucose Inorganic Phosphate Triglycerides Lactate dehydrogenase (LD) Total Protein Chloride Potassium Sodium Total Calcium Amylase High-density lipoprotein (HDL) Low-density lipoprotein (LDL)	KEMRI CGHR HIV-R laboratory CRC
2	Hematology	Flow Cytometry, DC Impedance method	Sysmex XN 330	Whole blood	Red Blood Cells (RBC) Hemoglobin (Hb) Mean Cell Volume (MCV) Mean Cell Hemoglobin Concentration (MCHC) Hematocrit (HCT) Platelets (PLT) White Blood Cells (WBC) Lymphocytes • Monocytes • Neutrophils • Basophils • Eosinophils • Lymphocytes% • Monocytes% • Neutrophils% • Basophils% • Eosinophils%	KEMRI CGHR HIV-R laboratory CRC
		Coulter Principle (Impedance)	Coulter DXH 520			
		Differential cell count.	Manual		Lymphocytes • Monocytes • Neutrophils	

					• Basophils • Eosinophils	
3	Microbiology (Urine analysis)	Urine Microscopy	Microscope	Urine	Cells Crystals Casts	KEMRI CGHR HIV-R laboratory CRC
				Vaginal Swab	Trichomonas *Vaginalis*	
		Immuno-chromatography	Dipstick	Urine	Blood Bilirubin Urobilinogen Ketones Glucose Protein Nitrite Leucocytes pH Specific gravity	
4	Microbiology-Bacteriology (Molecular Biology)	Polymerase Chain Reaction (PCR)	GeneXpert	Urine / Swab	Chlamydia *Trachomatis* (CT) / Neisseria *Gonorrhea* (NG)	KEMRI CGHR HIV-R Laboratory Kisian
5	Microbiology-Virology (Molecular Biology)		Cobas 6800	Dry Blood Spot	Human Immunodeficiency Virus (HIV) DNA	
			Cobas 6800/8800	Plasma	Human Immunodeficiency Virus (HIV) RNA	
			Hologic Panther			
		Genotyping	ABI 3730XL-Thermofisher Genotyping System	Dry Blood Spot / Plasma	Human Immunodeficiency Virus (HIV) RNA	
			ABI 3730XL - In-house Genotyping System			
6	Immunology	Flow Cytometry	Facs Calibur	Whole Blood	CD3 CD4 CD8 CD45 Leukocyte cells	
			Alere Pima		CD4 leukocyte cells	
		Cryopreservation-Automated	DXH 520 Hematology Analyzer		Peripheral Mononuclear Cells	
		Cryopreservation-Manual	Manual cell counting Chamber, Neubauer			

			Hemacytometer			
7	Immunology - Serology	Immuno-chromatography	Rapid Kit	Serum/ Urine	Beta Human Chorionic Gonadotrophin (β HCG)	KEMRI CGHR HIV-R laboratory CRC
				Serum/ Plasma/ Whole Blood	HIV 1/2	
				Vaginal Swab	Trichomonas Vaginalis	
		Enzyme Linked Immunosorbent Assay (ELISA)	ELISA Reader ELISA Washer & Incubator	Serum/ Plasma	Human Immunodeficiency Virus (HIV) 1/2	
					Hepatitis B Surface Antigen (HBsAg)	
					Hepatitis C Antibody	
					Anti- Hepatitis B core antigen (HBc) - Total	
					Anti- Hepatitis B surface antibody (HBs)	
		Rapid Plasma Reagin (RPR) Treponema pallidum Particle agglutination Assay (TPPA)	Macro-Vue SD Bioline	Serum	Treponema *Pallidum* (Syphilis) Antibodies	

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	13-MAY-2024	13-MAY-2024	12-MAY-2028
Transition to ISO 15189:2022	17-APR-2025	17-APR-2025	12-MAY-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: 17-APR-2025

KENAS CEO/ Authorized Representative