



KENYA ACCREDITATION SERVICE

P. O. Box 47400-00100, TEL. +254-787-395679, +254-725-227640 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 15189:2012

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: 13-MAY-2024



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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 Coulter Principle (Impedance)	Sysmex XN 330 Coulter DXH 520 Manual	Whole blood	Red Blood Cells (RBC) Hemoglobin (Hb) Mean Cell Volume (MCV) Mean Cell Hemoglobin Concentration (MCHC) Hematocrit Platelets (PLT) White Blood Cells (WBC) Lymphocytes <ul style="list-style-type: none"> • Monocytes • Neutrophils • Basophils • Eosinophils • Lymphocytes% • Monocytes% • Neutrophils% • Basophils% • Eosinophils% Differential cell count. Lymphocytes <ul style="list-style-type: none"> • Monocytes • Neutrophils • Basophils • Eosinophils 	KEMRI CGHR HIV-R laboratory CRC
3	Microbiology (Urine analysis)	Urine Microscopy	Microscope	Urine	Cells Crystals Casts	KEMRI CGHR HIV-R



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				Vaginal Swab	Trichomonas Vaginalis	laboratory CRC
		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 <i>Trachomatis</i> (CT) / Neisseria <i>Gonorrhoea</i> (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 CD4 leukocyte cells	
			Alere Pima		Peripheral Mononuclear Cells	
		Cryopreservation-Automated	DXH 520 Hematology Analyzer			
		Cryopreservation-Manual	Manual cell counting Chamber, Neubauer			



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

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	13-MAY-2024	13-MAY-2024	05-DEC-2025

This schedule is issued subject to the terms and conditions of KENAS Accreditation.

Approved by:  Date: 13-MAY-2024
KENAS CEO/Authorized Representative

