



**Molecular Laboratory Technologist, Amref Central Laboratory  
Amref Enterprises Limited (AEL)  
REF: AEL/ Molecular Lab Tech/06-2020**

<b>1</b>	<b>IDENTIFICATION</b>	
<b>1.1</b>	<b>JOB TITLE</b>	Molecular Laboratory Technologist, Amref Central Laboratory
<b>1.2</b>	<b>REPORTING TO</b>	Quality Assurance Officer
<b>1.3</b>	<b>Directorate</b>	Amref Enterprises Limited (AEL)
	<b>Program</b>	Amref Central Laboratory
<b>1.4</b>	<b>PHYSICAL LOCATION</b>	<b>Amref KCO – Wilson-Nairobi, Kenya.</b>

Amref Health Africa is the largest international health development organisation based in Africa. Working with and through African communities, health systems and governments, Amref Health Africa’s vision is for lasting health change in Africa and is committed to improving the health of people in Africa by partnering with and empowering communities, and strengthening health systems. For more on Amref Health Africa please visit [www.amref.org](http://www.amref.org)

**Background**

The Amref Central Laboratory is ISO 15189:2012 accredited. The Laboratory has the following core services: - Clinical Laboratory diagnostics, External Quality Assessment, provision of training and capacity building for in-service medical laboratory professionals, and consultancy in Laboratory Quality Management System Implementation.

The Amref Central Laboratory is currently supporting Ministry of health (Kenya) efforts in the containment of Covid-19 through the provision of laboratory testing services. The ACL is seeking to recruit a self-motivated Bio-molecular Laboratory technologist whose main responsibilities will be to provide day-to-day testing services and assisting with the implementation of the quality management system

**2 MAIN PURPOSE OF JOB**

Reporting to the Quality Assurance Officer, the Molecular Lab Technologist will perform complex technical work involving molecular analysis of human biological materials.

**3 PRINCIPAL RESPONSIBILITIES**

<b>KEY AREA</b>	<b>Activity</b>
<b>Perform molecular analytical tests</b>	Evaluate specimens received by the molecular department and organize workflow to provide optimum efficiency of testing and turnaround times of results
	Extract, denature and purify DNA/RNA from assorted human specimen types.
	Perform PCR, hybridization, and genetic sequencing methods
	Evaluate results to determine interference, inhibition, or other problems that arise during extraction or amplification of DNA/RNA
	Perform quality control, validation, and other quality activities to verify performance of molecular assays
	Maintain equipment by performing assigned maintenance activities and troubleshoot unexpected problems for the equipment
	Evaluate inventory of supplies and reagents and communicate order needs
	Operate complex equipment and computer programs related to PCR equipment and other accessories.
	Maintain records of test results and archives of data
	Maintain a neat and clean work environment
	Archiving and tracking of specimens

KEY AREA	Activity
<b>Quality assurance activities</b>	Perform proficiency testing to maintain compliance with regulatory agencies
	Lead in training of new molecular laboratory staff and interns
	Assist department in writing and maintaining standard operating procedures for molecular assays. Document knowledge by reviewing and signing SOPs.
	Record data to monitor temperatures and humidity of various equipment and environmental conditions.
	Follow established quality management policies and GLP practice
	Perform and document corrective action, including follow-up monitoring to gauge the effectiveness of the corrective action.
	Lead in calibration of pipettes, thermometers, and other measuring equipment.
	Follow all Quality Assurance/Quality Control procedures as outlined in the ACL Laboratory Quality Assurance Manual.
<b>Laboratory administrative Support</b>	receiving samples from customers or users as needed
	data entry in the LIMS
	Calculating and recording analytical results in the appropriate log book,
	Maintaining chemical/equipment traceability records
	documenting QA/QC requirements
	Generating control charts.
	Generating and/or reviewing analytical reports
	Ensure effective communication between laboratory and AMC Management
Assist in development of sustainable laboratory business proposals	

## 4 REQUIRED QUALIFICATIONS

### 4.1 Minimum Requirements

- Must be a Kenyan citizen
- Must have a valid license to practice from Kenya Medical Laboratory Technicians and Technologist Board (KMLTTB).
- Must be registered and certified by KMLTTB.

### 4.2 Minimum Education

- Bachelor of Science degree in Medical Laboratory Sciences from a KMLTTB approved institution.
- Must have prior training in molecular and PCR techniques.
- Prior training on ISO15189 QMS implementation and Biosafety/Biosecurity is an added advantage.

### 4.3 Experience

- Two years as a molecular laboratory technician or technologist under supervision
- Prior experience in laboratory implementing ISO 15189 standard.
- Must be conversant with Laws of Kenya for Medical Laboratory Technicians and Technologists Act CAP. 253A of 2012.
- Previous work experience with Amref Health Africa and or The Amref Central Laboratory is an added advantage.
- Proficiency in MS Excel.

### 4.4 Skills

- Good interpersonal skills.
- Excellent communication skills;
- Ability to communicate with internal and external stakeholders,
- Excellent presentation skills.
- Excellent coordination and planning skills

- Report writing skills: Ability to write complex reports
- Demonstrate high levels of integrity
- Strong analytical and problem solving skills
- Excellent team player.

### **Work Environment**

Medical Laboratory work environment.

### **How to apply:**

Interested applicants are encouraged to submit a Cover letter in PDF expressing your interest and clearly outlining your qualifications for the position (Not exceeding 2 pages); and an updated CV in PDF (Not exceeding 3 pages) highlighting all relevant educational, employment experience and availability to [recruitment@amref.org](mailto:recruitment@amref.org). The subject line for your email should read: **AEL/ Molecular Lab Tech/06-2020**. Deadline for applications is **12<sup>th</sup> June 2020**. Please note that only shortlisted candidates will be contacted.

*Duly note that Amref Health Africa does not require applicants to pay any fee at whatever stage of the recruitment and selection process.*

*Amref Health Africa is committed to safeguarding and promoting the welfare of children, young people and vulnerable adults and expects all staff to share this commitment. Amref Health Africa is an equal opportunity employer and has a non-smoking environment policy*