

# Lina Kinya Murithi

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## Personal Profile

Productive and skilled professional having graduated with a Bachelor of Science in Medical Microbiology. I have relevant experience having worked as a Laboratory Assistant for various organizations where I have gained skills in performing laboratory tests, ensuring proper maintenance of the lab equipment, medical laboratory maintenance, and quality management activities. I am devoted to collaborating with laboratory directors, physicians, and scientists to perform all laboratory tests and procedures with expedience, attention to detail, and optimum quality. I desire to work in a highly competitive and dynamic organization specializing in providing the quality standard to enable me to gain exposure in shaping me to face current needs.

## Education

2015 - 2019

**Bachelor of Science in Medical Microbiology**

Jomo Kenyatta University

2011 - 2014

**Kenya Certificate of Secondary Education**

Nakuru Girl's High School

## Skills

- **Laboratory Skills:** I am adept at collecting and organizing samples for examination and work with other medical professionals to ensure results are correct.
- **Records Management:** I am also competent in maintaining records of laboratory processes and equipment and generating reports.
- **Research Skills:** I can source required information, and evaluate and present the findings to completion of my tasks.
- **Communication Skills:** Effective communication and interpersonal skills with the ability to build and maintain good working relations with the lab and medical team.
- **Flexibility and Adaptability:** I am a flexible team player who thrives in environments that require the ability to effectively prioritize and juggle multiple concurrent tasks. I am also very positive, resilient, and open to new ideas.
- **Organization and Planning:** I am a highly organized individual who can work and plan for efficient and productive results.
- **Decision-Making and Problem-Solving Skills:** I can identify the possible solutions to the situation at hand. I am also able to make a judgment on complex issues.
- **Analytical Skills:** I am able to generate analytical reports, data interpretation for management decisions.
- **Teamwork:** A team player committed to improving overall service processes and builds a cohesive working environment.

## Work Experience

July 2022-June 2023

**HIV Mortality Surveillance at UCSF Global Program for Research and Training**

**Position:** Research Assistant

**Key Achievements:** Successfully coordinated laboratory activities and provided routine progress reports to the study coordinator.

**Responsibilities:**

- Collecting study data from mortuary records into mortuary surveillance data collection tools and electronic databases
- Coordinating collection and testing of oral samples from eligible decedents
- Upholding data quality procedures
- Acted as a point of contact in response to any data quality concerns at the sentinel site
- Provided progress routine reports to the study coordinator

**Nov 2020-Jun 2021 : Mutindwa Diagnostic Laboratory**

**Position:** Volunteer Lab Assistant

**Key Achievements:**

- Helped the lab save cost by using excel to identify over-used priced supplies.

**Responsibilities:**

- Full blood analysis and test.
- Stool analysis.
- Sputum testing for AFB.
- Culture and sensitivity testing.

Quality control and calibration of laboratory tests.

**Mar-Sept 2020- Premier Food Industries**

**Position:** Laboratory Assistant

**Key Achievements:**

- Analyzed, streamlined, and ensured the line products are as per appropriate procedures increasing accuracy and quality of products.

**Responsibilities:**

- Water analysis.
- Equipment troubleshooting to resolve basic equipment malfunctions
- Assisted in the development of new products in New Product Development Lab.
- Ensured HACCP, ISO 22000, and 9001 compliance during processing, production, and storage.
- Monitored microbiology quality control during food processing.
- Measured pH, Brix, and acid levels of food products.

**Apr - Dec 2019**

**Kenya Medical Research Institute**

**Position:** Laboratory Assistant - KEMRI-Wellcome Trust Lab/ KEMRI-CMR

**Project:**

- Carriage of antimicrobial resistance amongst hospitalized children with severe acute malnutrition and from community participants and, Non-Typhoidal Salmonella carriage amongst individuals' studies project.

**Key Achievements:**

- Commended for strong analytical skills and report writing in processing of laboratory samples with 99% accuracy.
- Transmitted results to ordering clients timely and with zero errors increasing quality and efficiency for the food handlers programme.

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**Responsibilities:**

- Reception and processing of clinical samples.
  - Microbiological assays.
  - Antimicrobial susceptibility testing.
  - Biosafety and handling of class 11 pathogens.
  - Profile index for bacterial isolation.
  - Interpreted and documented results using routine and basic laboratory procedures.
  - Polymerase Chain Reaction (PCR).
  - Culture, Biochemical and staining technique.
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**Additional  
Information****Awards**

- Certifications for GCP and biomedical research

**Trainings and Workshop**

- 2020: Biomedical Responsible Conduct of Research at Collaborative Institutional Training Initiative
- 2020: Biomedical Research at Collaborative Institutional Training Initiative
- 2019: Good Clinical Practice at Collaborative Institutional Training Initiative

**Seminars and Conferences**

- JKUAT Workshop and Symposium on Capacity Building for National Sustainable Development.
- JKUAT Medical Microbiology Student Association training programs and events.

**Hobbies and Interests**

- Reading, Community Service, Medical Research
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**Referees**

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