

REEL SAEED

Medical Laboratory Technologist – Microbiology

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Summary

Certified Medical Microbiologist with more than **4 years** in hospital-based laboratory, worked in Hematology, Microbiology, clinical chemistry, and molecular biology departments, with a well experience in regulatory compliance and Laboratory Management System. a Published researcher with teaching experience.

Work Experience

Napata College

Lab Teaching Supervisor (Teacher Assistant)

Aug 2021 - Present

- Supervising preparation and Teaching Labs of (Pharmacy, MLS, and Nurse) (Systemic Microbiology Lab, virology Lab, Infection control Lab, Immunological Techniques Lab, Medical Bacteriology Lab).
- Co-supervisor of undergraduate student researches handling antimicrobial resistance and molecular techniques (PCR, ELISA, and Gel electrophoresis).
- Responsible for primer design, Extraction and PCR Program optimization, results interpretation and Data analysis at Napata College research center.
- Trained technicians on OSHA standards and laboratory safety protocols.

Al Dam Healthcare Center, Dongola

Laboratory Technologist, Microbiologist

Sep 2022 - Oct 2023

- Managed microbiology specimen's collection procedure as regulatory protocols and Hospital Safety policies.
- Isolate Bacteria using manual biochemical test and gram stain and performing Antimicrobial susceptibility test under pathologist supervision and perform ZN stain for AFB.
- Perform semen analysis (sperm count, motility, morphology).
- Training and Supervising new laboratory staff enhancing their skills in quality control and inspection audits.

Medimix Company Lab

Laboratory Technologist

Jul 2020 - Aug 2022

- Conducted STATs and routine tests in Microbiology, Hematology, Urinalysis and Clinical Chemistry using both manual and automated techniques.
- Maintain regular PPM, quality control, and calibration of instruments, maintaining a documented record of all procedures conducted.
- Participated in quality control and quality assurance procedures and ISO standard 15189 training.
- Reviewed and released test results using the Laboratory Information System.
- Responsible for storage and handle stock and Maintain Sufficient Inventory.

Omdurman Maternity Hospital

Laboratory Technologist

Nov 2018 - Jun 2019

- Excellent collecting blood specimens from newborns, children, and adults.
- Checking sample quality and quantity for different tests, and prepared for analysis.
- Perform STATs and tests across various disciplines including emergency room, blood bank, serology, immunology and hematology.

Education

Al Neelain University

Bachelor B.Sc. honor - Medical Laboratory Science (Microbiology)

Sep 2012 - Oct 2017

Skills

Performed quality control procedures including preventive maintenance and calibration| Bioinformatics | ISO 15189 Standards | Safety Protocols & Infection Control | Documentation and record skills | Specimen collection & Phlebotomy | Laboratory information system (LIS) | Training & Mentorship | Quality assurance | Research Project Management | Communication and problem-solving with team collaboration | Infection control.

Certifications

- ISO 15189:2022 - Medical Laboratories' Quality Assurance & Competence (2024)
- Genomic Medicine - AGMT (2023)
- Molecular Biology and PCR - Institute of Endemic Disease (2022)
- Quality Control in Hospital - 7Vision training center (2022)
- Six Sigma Yellow Belt (2024)
- Healthcare Management (2023)

Licenses

- **MOH** Ministry of Health and Prevention
- **DOH** Abu Dhabi Ministry of Health

Publications

- Bahereldeen AI, Alfadil RG, Ali HM, Nasser RM, Eisa NT, et al. (2020) In silico analysis of Single Nucleotide Polymorphisms (SNPs) in Human HFE Gene coding region. J Bioinform, Genomics, Proteomics 5(1): 1040
- Alfadil RG. (2023) Molecular Detection of Colistin Resistance Genes Mcr-1, 2, 3, 4 and Mcr-5 of Pseudomonas aeruginosa Isolated from Selected Hospital in Khartoum State. [Master thesis]. Sudan University of Science and Technology.

Courses and References

Upon Request