

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: MEDICAL TECHNOLOGIST (FIXED TERM CONTRACT UNTIL JANUARY 2027)
PAY GRADE: MT2
REFERENCE NUMBER: NICDCDC1025/001-05

Conducts laboratory testing of patient specimens, to provide accurate laboratory test results to aid in and confirm clinical diagnosis and treatment therapies.

Key Job Responsibilities

Operational Efficiency of Laboratory

■ Perform laboratory testing according to SOPs ■ Perform troubleshooting and root cause analysis, completing action reports according to SOP's ■ Operate and troubleshoot laboratory equipment and quality control, identify, suggest and implement corrective measures ■ Adhere to analytical times and basic TAT for testing and capturing of laboratory results ■ Able to interpret test results ■ Refer for further testing if required ■ Collate data and statistics ■ Able to troubleshoot and identify clerical and / or technical errors, and document non-conformances ■ Laboratory administration e.g. equipment and laboratory maintenance, monitor and procure stock for operational needs.

Quality Management

■ Participate in all quality management activities and laboratory audits ■ Assist in verification and validation of equipment and/or test methods for routine implementation ■ Identify problems, troubleshoot and implement corrective action and resolve non-conformances ■ Perform data checks and analyses as per SOPs.

Teaching, Training & Development of Laboratory Staff

■ Ensure that CPD training takes place and contribute to laboratory training of technical staff within the centre and visiting healthcare professionals

Minimum requirements & key competencies

■ National Diploma in Biomedical Technology/ Bachelor of Health Sciences in the field of Biomedical Technology ■ HPCSA registration as a Medical Technologist/Medical Laboratory Scientist in **Microbiology** ■ 4-6 years' laboratory experience ■ Perform testing of clinical specimens according to laboratory SOPs ■ Experience in a molecular laboratory performing routine DNA/RNA extraction and PCR is essential ■ Experience with performing next-generation sequencing would be an advantage ■ Knowledge of usage and maintenance of laboratory instruments ■ Strict adherence to GLP as per laboratory norms and standards ■ Accurate interpretation and reporting of results ■ Experience with data management including interpretation and analysis of data ■ Able to work under pressure and process high volumes of samples, adhering to turnaround times for testing and reporting ■ Time management skills ■ Able to accommodate overtime work (weekends/public holidays/after hours) as needed, in order to deliver timeous and accurate results ■ Able to assist with laboratory testing during outbreaks

Enquiries may be directed to Palesa Nong @ 011 386 6454, email application to Recruiter2@nicd.ac.za