

Resmi Jayan

Medical Microbiologist



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Summary

An experienced microbiologist with a solid background in clinical laboratory environments as part of a large healthcare system. Patient-focused healthcare professional with an outstanding work ethic. Known for being a collaborative team member with excellent interpersonal skills. Proficient in most widely used laboratory equipment, associated computer programs, technologies, and tools.

Professional Goals

To work in a challenging position with a stimulating work environment and to improve clinical knowledge by performing accurate procedures while complying with laboratory safety protocols.

License

DHA license –Microbiology Technologist

MOH – Medical Microbiology Technologist, Evaluation letter

Education

MSC MICROBIOLOGY

2007–2009

BSC MICROBIOLOGY

2004–2007

Experience

MEDICAL MICROBIOLOGIST

August 2023 – Present

Tadawi Healthcare, Dubai

MEDICAL LABORATORY TECHNOLOGIST

December 2020 – 31st May 2023

Reem Medical & Diagnostics Center (Avivo Group), Sharjah

MEDICAL MICROBIOLOGIST

November 2019 – August 2020

E.K Nayanar Memorial Neethi medical Center, Palakkad

MEDICAL MICROBIOLOGIST

January 2015 – October 2019

Hormo Care Diagnostic Center, Vengara, Malappuram

MEDICAL MICROBIOLOGIST

June 2010 – June 2011, June 2013 – June 2014

Mother Care Hospital, Palakkad

Job Description

MICROBIOLOGIST

- Screening of ESBL, MRSA, VRE, MDR.
- Culture and sensitivity of all kinds of samples, (pus, sputum, urine, stool, etc.)
- Gram stain performance for differentiating Gram-negative and Gram-positive organisms and other staining procedures (Ziehl Neelson, LPCB, KOH) for bacteria and fungi.
- Hanging drop for motility. Wet mount preparations.
- Preparation of all kinds of media.
- Work with vertical autoclave, and hot air oven. Management of procedures and stock of the department. Checking proper documentation of sterilization reports.
- Work directly with clinicians to provide clear information beyond documentation.

LABORATORY TECHNOLOGIST

- Collection and processing of different kinds of samples (blood, urine, etc.)
- Maintaining daily logs and equipment record books. Ordering laboratory supplies, as needed.
- Ensuring that safety guidelines are always adhered to within the laboratory.
- Analyzing laboratory findings to check the accuracy of results while maintaining 100% error-free documentation.
- Perform clinical testing and specimen analysis to help physicians diagnose and treat various medical conditions.
- Well-experienced in all routine tests such as hematology, immunology, clinical pathology, and serology.
- Perform all basic chemistry routine tests and biochemical profiles. Maintaining lab equipment and performing quality control, and quality assurance on instruments.
- Ensuring proper waste disposal and sanitation.
- Maintains the inventory of reagents and monitors the expiration of reagents.

Immunology and serology-

- ELISA techniques for screening viral diseases (HIV, Hepatitis). Agglutination reactions (card and tube test).
- Immuno diffusion and immunoprecipitation.

Instrument knowledge

- Vitek 2 Compact
- BacT/Alert
- SD Biosensor
- Iris iChem Velocity
- Electrophoresis
- Vidas of Biomeriex
- Advia Centaur CP of Siemens
- Erba XL-300
- Beckman Coulter DXH 500
- I chroma