

# 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 equipments, 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

MOH - Medical Microbiology  
Technologist, T40673

## Education

### MSC MICROBIOLOGY

2007-2009

C M S College of Science and  
Commerce, Tamil Nadu

### BSC MICROBIOLOGY

2004-2007

C M S College of Science and  
Commerce, Tamil Nadu

## Experience

### MEDICAL LABORATORY TECHNOLOGIST

December 2020 - Present

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

### MEDICAL MICROBIOLOGIST - TRAINEE

August 2009 - January 2010

Moulana Hospital , Malappuram

## Job Description

### 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 adhered to at all times 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.

## 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.

## Immunology and serology

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

## Instrument knowledge

- Electrophoresis
- Vidas of Biomeriex
- Advia Centaur CP of Siemens
- Erba XL-300
- Beckman Coulter DXH 500
- I chroma