



ANISHA MASCARENHAS

DHA-Eligible Medical Laboratory Technologist

DHA-eligible Medical Laboratory Technologist with nearly two years of clinical experience across hospital laboratories in India. Proficient in haematology, clinical biochemistry, microbiology, virology, and molecular diagnostics. Skilled in operating advanced analytical systems including Beckman Coulter, Sysmex XN-1500, and UF series analysers, alongside performing PCR, RNA/DNA extraction, and cell culture techniques. Demonstrates a strong commitment to diagnostic precision, infection control, biosafety practices, and timely documentation. Combines technical competence with a methodical approach to specimen management and quality assurance, ensuring reliable laboratory outcomes in compliance with regulatory standards.

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 Dubai, UAE

CORE COMPETENCIES

Internal Quality Control (IQC) & External Quality Assurance (EQA)

Molecular Diagnostics (PCR, Real-Time PCR)

Documentation

Haematology & Coagulation

Clinical Biochemistry & Urinalysis

Biosafety, Infection Prevention & PPE Protocols

Maintenance

Barcode Sample Tracking

Equipment Calibration

Laboratory Information Systems (LIS)

Phlebotomy & Specimen Management

Blood Bank & Serology

RNA/DNA Extraction & Cell Culture

Microbiology & Virology

WORK EXPERIENCE

Medical Laboratory Technologist Garden City Hospital, Udupi

July 2025 – January 2026

Karnataka, India

Key Responsibilities

- Performed routine haematology, biochemistry, and microbiology investigations in adherence to established laboratory protocols.
- Supported diagnostic testing processes while maintaining result accuracy and meeting quality benchmarks.
- Received, labelled, organised, and prepared clinical specimens for subsequent laboratory analysis.
- Operated automated analysers and identified specimens necessitating repeat or supplementary testing.
- Maintained precise test results, records, and associated laboratory documentation for audit readiness.
- Enforced biosafety, infection prevention, and laboratory safety measures throughout daily operations.

Medical Laboratory Intern KMC Hospital, Manipal

July 2024 – July 2025

Karnataka, India

Key Responsibilities

- Performed venipuncture and phlebotomy using vacutainers, syringes, and butterfly needles for both patients and donors.
- Conducted complete blood counts, peripheral smear examinations, coagulation profiles, urinalysis, fluid counts, CD4 enumeration, and malaria screening.
- Executed cell culture techniques, virus isolation, plaque reduction neutralisation tests (PRNT), and inoculation procedures.
- Performed microbiological cultures using aseptic techniques within a Bio-Safety Cabinet environment.
- Operated Beckman Coulter, Sysmex XN-1500, UF 3500, UF 5000, UD 10, and Erba EM 200 analysers for diverse diagnostic applications.
- Managed barcode-based specimen tracking and biohazard waste disposal in compliance with regulatory requirements.
- Entered and maintained laboratory information accurately within the Laboratory Information System (LIS).
- Applied appropriate personal protective equipment (PPE) and adhered to occupational health and safety protocols.

Medical Laboratory Intern New City Hospital, Udupi

December 2021 – March 2022

Karnataka, India

Key Responsibilities

- Assisted with phlebotomy, specimen collection, preparation, and routine laboratory investigations.
- Performed blood grouping and typing procedures to support transfusion safety and compatibility.
- Maintained sterile and organised work areas in accordance with laboratory protocols.
- Supported laboratory workflow and guided new interns in following established procedures.

EDUCATION

BSc in Medical Laboratory Technology – Manipal Academy of Higher Education, 2024
Diploma in Medical Laboratory Technology – Para Medical Board, Bengaluru, 2021
PUC – Milagres PU College, Kallianpur, 2018
SSLC – Milagres High School, Kallianpur, 2016

CERTIFICATIONS

- Tropical Parasitology – Duke University (February 2024)
- Medical Terminology II – Rice University (September 2022)
- Medical Terminology III – Rice University (November 2022)

CONFERENCES ATTENDED

- 3rd National Conference on Clinical Laboratory Education & Research (NACCLER 2023)
- 4th National Conference on Clinical Laboratory Education & Research (NACCLER 2025)

PROFESSIONAL SKILLS

- **Laboratory Equipment:** Beckman Coulter, Sysmex XN-1500, UF 3500/5000, UD 10, Erba EM 200, Mindray BC-3000, Centrifuge, Autopipette, Microscope
- **Technical Proficiency:** Laboratory Information System (LIS), Microsoft Office, Windows OS, Barcode Sample Tracking, Electronic Record Management, Laboratory Documentation
- **Quality & Compliance:** Internal Quality Control (IQC), External Quality Assurance (EQA), Turnaround Time (TAT) Management, Infection Prevention, Aseptic Technique, PPE Protocols, Biohazard Disposal, Equipment Calibration, DHA Regulations & Guidelines

PROFESSIONAL LICENSE

Dubai Health Authority (DHA) Eligibility Letter
DHA Unique ID: 46560788

REFERENCES

Available upon request.