



ASHWINI SESHADHIRI

Medical Lab Technician

DHA License Holder

Dedicated medical laboratory technician with 8 years of experience specializing in blood bank, biochemistry, hematology, clinical pathology, serology phlebotomy and microbiology, molecular biology. Adept in laboratory techniques, quality control, and ensuring compliance with industry standards. Proven ability to manage complex laboratory operations and deliver precise results to support advanced medical treatments.

PERSONAL DETAILS

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seshaashwini@gmail.com

Nationality - Indian

Address - Deira, Dubai

Date of Birth - 15th February, 1992

EDUCATION

DIPLOMA IN Medical Laboratory Technology
Vinayaka Mission University, India
(2012 - 2014)

PROFESSIONAL REGISTRATION

DHA License - Qualified DHA - MLT Technician
Person Authorization ID - 64815985
Expire - 15/05/2025

Registered Under Association of Allied Health
Professional Kerala, India
Reg.No:LT921482

LANGUAGES

- English
- Arab
- Tamil
- Hindi
- Kannada
- Malayalam
- Telugu

COMPUTER SKILLS

- Ms Office
- Cytextpert,
- Kaluza Angle pro,
- Wipro 2.0
- Linux, Windows, Mac.

WORK EXPERIENCES

Tamilnadu Voluntary Blood Bank & Research Centre (2022-2024)

Blood Collection and Testing, Processing & Storage, Quality control, emergency response.

Medical laboratory technologist - YAS clinic, Abu Dhabi, UAE (2022-2022)

Phlebotomy technician - SRL Diagnostics in Fortis Hospitals (JCI Accredited) Bangalore, (2019-2021)

Medical laboratory technologist - Al-Rida Polyclinic - Saudi Arabia, Department: Biochemistry and Hematology (2017-2019)

Jr. Scientific Officer SRL Diagnostics in Fortis Hospitals (JCI Accredited) Bangalore (2015-2017)

TECHNICAL SKILLS

- Accreditation Standards (NABL,NABH)
- ATCC stock cultures
- Cryopreservation, ELISA
- Immunofluorescence, Immunoblots, Vitek 2
- Bactalert
- Sysmex XN3100 Stago, Compact Biomerieux Vidas.
- EQAS- Bio-Rad & CMC Cobas U41.
- Thermogenesis AXP, Beckmen dx flex, Macs quant 10, Clinimacs prodigy

SKILLS

- Accreditation Standards (NABL,NABH)
- Diagnostic Testing
- Laboratory Information Systems (LIS)
- Standard Operating Procedures (SOPs)
- Data Analysis
- Machine Troubleshooting

ROLES & RESPONSIBILITIES

Tamilnadu Voluntary Blood Bank & Research Centre

- Collect blood donations from donors, ensuring proper procedures are followed to maintain the integrity and safety of the blood supply. They also conduct tests to determine blood type (ABO and Rh), screen for infectious diseases (such as HIV, hepatitis B and C), and perform compatibility testing for transfusions.
- After collection, lab technicians process blood donations into various components like red blood cells, plasma, and platelets. Lab technicians perform regular quality control checks on equipment, reagents, and procedures to maintain compliance with regulatory standards (e.g., AABB, FDA). They also ensure accurate record-keeping and documentation of all tests and procedures. They monitor blood inventory levels, ensuring an adequate supply of blood products for patient needs while minimizing wastage and expiration.

Medical laboratory technologist YAS clinic

- Receive, label and analyse samples (blood, toxic, tissue etc.)
- Design and execute laboratory testing according to standard procedures, make observations and interpret findings
- Conduct experiments under defined conditions to verify/reject various types of hypotheses using refined scientific methods
- Organize and store all chemicals substances, fluids and compressed gases according to safety instructions
- Record all data and results in specified forms (paper and electronic) with accuracy and responsibility
- Maintain equipment and assist in ordering laboratory supplies
- Ensure that all safety guidelines are followed strictly at all times and maintain a clean and orderly environment.
- Phlebotomist: Verifies patient identification and explains sampling procedures to patients. Obtains blood specimens by performing venipunctures and finger sticks.
- Maintains specimen integrity by using aseptic technique, following department procedures, and observing isolation procedures

Medical laboratory technologist SRL Diagnostics in Fortis Hospitals (JCI Accredited), Department of Serology and Phlebotomy

- Following established procedures, collect, process, and handle blood and other biological specimens.
- Provided clear instructions to patients on proper sample collection techniques, ensuring the accuracy and reliability of specimens.
- Performed a variety of clinical laboratory tests in areas such as Serology, immunology, microbiology, clinical chemistry, hematology, and clinical pathology, as assigned.
- Conduct blood tests for transfusion purposes like blood grouping, cross-matching, direct agglutination, indirect agglutination, component storage, and separation.
- Maintained comprehensive Key performance indicators (KPI) and reports of test results by established procedures.
- Conduct calibration and troubleshooting on testing systems and instruments to maintain adherence to established accuracy standards.
- Analyzing the root cause analysis and advising the corrective actions. Played a key role in various external audits like NABL, NABH, and internal audits occurring every 6 months.
- Maintaining ATCC stock cultures and performing QC in BD MGIT 360 in the mycobacteriology section. Well-experienced in molecular extraction and PCR methods for COVID-19 testing.
- Managed stock inventory, including tracking supplies, ordering replenishments, and ensuring the availability of necessary materials for uninterrupted operations.

Medical laboratory technologist Al-Rida Polyclinic

- Design and build equipment or facilities for use in experiments or research. Prepare and refine chemical compounds for public or medical use. Present findings to students, colleagues or leadership
- Solve complex problems with materials, technology or processes to improve the overall quality of work or achieve the desired outcome.
- Isolate, analyse and conduct diverse experiments with proteins, DNA and other types of molecules, and research the effects of different treatment protocols on the health of cells and larger biological functions.
- Performs various types of clinical analyses in Hematology and Coagulation on blood specimens.
- Conducts tests such as: platelet aggregation, factor assays, fibrin monomers, correction studies, antiplasmin, heparin assay, plasminogen, euglobulin analysis, antigen studies, ferritin, special stains (for leukocyte enzymes, glycoproteins, fats and iron), serum viscosity, sugar HO, lysozyme, glutathione reductase, and microglobulin.
- Interprets test results, and issues written reports; Reports findings on cultures, sensitivities and stained smears.
- Implements quality control measures, documenting remedial action taken for detected deficiencies and defects.
- Ensures the proper preparing, storing, dispensing and periodic evaluation of all solid and liquid reagents to assure the accuracy and precision of test result.