

HOSSAM BELAL

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Professional Summary

Dedicated and detail-oriented Biotechnology graduate with practical experience as a Medical Laboratory Technician. Skilled in clinical sample collection, complex laboratory analysis, and equipment maintenance. Proven ability to handle high workloads while maintaining precision and adhering to strict quality control standards.

Professional Experience

Medical Laboratory Analyst | 2024 - Present

Al-Tahera Laboratory & MedCare Lab

- Performed comprehensive medical laboratory analysis with a focus on accuracy and timely results.
- Demonstrated strong hands-on experience in phlebotomy (blood sampling) and patient care.
- Maintained laboratory equipment and adhered to strict quality control and safety protocols.

Medical Laboratory Technician | 2024

Faisal Center, Haram

- Executed high-volume medical laboratory analyses (up to 20 per day) with a consistent track record of accuracy.
- Performed professional blood draws (Phlebotomy) and ensured patient/donor safety through rigorous monitoring.
- Expertise in Apheresis and Plasmapheresis, including the precise separation of blood components for therapeutic use.
- Maintained laboratory instrumentation and strictly followed quality control protocols to ensure reliable diagnostic results.

Internships & Training

Molecular Biology Trainee | Recent

Armed Forces Veterinary Hospital and Laboratories

- Gained extensive hands-on experience in molecular diagnostics and biotechnology applications.
- Performed Polymerase Chain Reaction (PCR) and Enzyme-Linked Immunosorbent Assay (ELISA) for diagnostic purposes.
- Conducted DNA/RNA extraction and handled advanced laboratory instrumentation.

Biotechnology Trainee | Undergraduate

Children's Cancer Hospital Egypt (57357)

- Acquired hands-on experience in clinical research and advanced diagnostic techniques within a world-class pediatric oncology setting.
- Applied molecular biology principles to support research and development projects.

Microbiology Trainee | Previous

Laboratory Internship

- Gained practical experience in microbiological techniques, including culture preparation, staining, and identification of microorganisms.
- Applied aseptic techniques to ensure contamination-free laboratory procedures.

Plasma Course (6-Month Intensive Program)

Specialized training in plasma collection, processing, and quality assurance.

Education

Bachelor of Biotechnology

Faculty of Biotechnology - Misr University for Science and Technology (MUST)

- Comprehensive study of molecular biology, genetic engineering, and diagnostic technologies.
- Gained foundational knowledge in clinical research and laboratory management.

Technical & Soft Skills

Category	Skills
Laboratory Skills	DNA/RNA extraction, PCR & qPCR, ELISA, HPLC, LC/MS/MS, Molecular Biology, Urinalysis, Blood Collection (Phlebotomy), Microbiological & Animal Culturing.
Software & Tools	MS Office (Word, PowerPoint, Excel), Scientific Research Tools, AI-assisted Image Creation & Design Tools.
Soft Skills	Teamwork, Problem-solving, Time Management, Attention to Detail, Communication, Leadership, Resourcefulness.

Languages

- **Arabic:** Native Proficiency
- **English:** Professional Working Proficiency