



Lydia Beasley

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SUMMARY

Detail-oriented Clinical Lab Technical Specialist boasting four years of experience in laboratory settings, specifically focusing on clinical genomics and microbiology. Proven success in developing laboratory protocols, executing statistical analyses, and ensuring compliance with safety requirements. Known for strong communication skills that enhance collaboration across multidisciplinary teams to improve patient care and streamline laboratory operations. Authorized to validate new testing methods while adhering strictly to FDA guidelines, emphasizing a commitment to continuous improvement and educational advancement within the lab environment.

EXPERIENCE

Clinical Lab Technical Specialist

January 2023 - Present

MediTech Labs

Springfield, IL

Provide technical expertise as a Clinical Lab Technical Specialist, supporting diverse laboratory sections like molecular pathology and clinical genomics. In this role, collaborate with medical staff to ensure high-quality testing processes while steering assay validation initiatives in line with safety and regulatory laws.

- Spearheaded development and validation of innovative laboratory assays, boosting capabilities in clinical genomics.
- Served as key technical resource for hospital staff, offering guidance in complex testing procedures.
- Contributed to statistical analysis efforts, enhancing adherence to established testing standards.
- Worked closely with Medical Directors, crafting and reviewing critical SOPs for regulatory compliance.
- Managed integration of advanced laboratory instruments, optimizing operational workflows and data accuracy.
- Conducted maintenance and functional checks on lab equipment, safeguarding reliability and optimal performance.

Laboratory Technician

June 2020 - December 2022

HealthFirst Labs

Peoria, IL

Performed clinical evaluations delivering essential lab results crucial for accurate patient diagnostics. Helped refine training programs, enhancing technical understanding among lab personnel by sharing updates on industry best practices.

- Carried out precise laboratory tests in chemistry and microbiology, aiding diagnosis efforts.
- Developed educational resources promoting up-to-date methodologies and teaching strategies.
- Assisted in incorporating new instruments, positively impacting testing efficiency.
- Provided consultations regarding test interpretation, guiding procedural pathways.
- Collaborated cross-functionally to diagnose technical challenges, improving laboratory functions.
- Maintained comprehensive health compliance over audit sessions, strengthening safety measures.

Laboratory Assistant

August 2018 - May 2020

Innovative Medical Solutions

Naperville, IL

Supported daily laboratory operations including specimen processing, contributing significantly to workflow efficiency and quality control. Engaged in ongoing education to remain informed about advancements and best practices in laboratory science.

- Helped facilitate laboratory tasks through adept specimen handling and documentation.
- Instrumental in implementing new processes that enhanced overall operations quality.
- Participated in competency assessments, reinforcing compliance regulations.
- Actively engaged in workshops, enhancing skill set related to emerging lab technologies.
- Managed routine checks and preventative maintenance of technical equipment, ensuring readiness.
- Aligned efforts with senior staff for identifying and solving technical issues collaboratively.

LEADERSHIP & AWARDS

- Awarded 'Best Practices Award' for innovating laboratory protocols at HealthFirst Labs in April 2021.
- Recognized on Dean's List during Bachelor studies at University of Illinois from 2016 to 2018.

EDUCATION

Bachelor's Degree in Clinical Laboratory Science

2018

University of Illinois GPA: 3.7

Champaign, IL

Coursework: *Clinical Microbiology, Clinical Chemistry, Molecular Diagnostics, Immunology*

CERTIFICATIONS

- Clinical Laboratory Scientist (CLS) 📅 2019
- Certified Medical Technologist (MT) ASCP 📅 2020

TECHNICAL SKILLS

- **Laboratory Techniques:** PCR, ELISA, Microscopy
- **Statistical Software:** SPSS, R, SAS
- **Quality Control Systems:** ISO 15189, CAP, CLIA
- **Laboratory Information Systems:** LabWare, StarLIMS, Siemens
- **Safety Regulations:** OSHA, CDC Guidelines, HIPAA
- **Analytical Instruments:** Spectrophotometer, Autoclave, Centrifuge
- **Documentation Standards:** Source Document Verification, SOP Writing, Compliance Auditing
- **Clearance Certification:** BLS Certified, CPR Certified, First Aid Certified
- **Training Programs:** New Employee Orientation, On-the-Job Training, Continuing Education
- **Professional Associations:** ASM, AACC, CLMA

SKILLS

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|------------------------|------------------------------------|--------------------------|--|
| • Laboratory Testing | • Compliance Management | • Clinical Genomics | • Educational Resource Development |
| • Assay Development | • Team Collaboration | • Microbiology Expertise | • Problem Resolution |
| • Statistical Analysis | • Technical Training | • Regulatory Adherence | • Data Management |
| • SOP Development | • Laboratory Equipment Maintenance | • Analytical Methods | • Testing Appropriateness Consultation |

PROFESSIONAL AFFILIATIONS

- Member of the American Society for Clinical Laboratory Sciences since January 2019.
- Volunteer for Community Health Fair since March 2022, providing health screening services.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST