



Example of Microbiology Technician Job Description

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Our company is growing rapidly and is hiring for a microbiology technician. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for microbiology technician

- Use and evaluate various commercial and research methods, and format existing assays onto new platforms
- Validate new assays under a quality system and participate in the test and evaluation of new technologies as necessary
- Assist with the implementation and maintenance of a quality control system and ensure that equipment, reagents, and supplies are maintained and used properly
- Assist with the review of data to ensure proper quality control
- Participate in the implementation of a quality system to include preparing SOPs, QC reports, and other material required to implement a quality system
- Work independently and prepare technical and scientific reports as required and will be responsible for daily organization and operation of the laboratory
- When required, work under the direction of a PI to clone and express proteins in mammalian cells or other vectors
- Present research findings at internal and external meetings, including conferences and other scientific forums
- Produce data packages of sufficient quality for publication in peer-reviewed scientific journals
- Receive required training in biosafety, chemical materials handling and regulatory in order to safely function in the BSL2/3 laboratory environment

Qualifications for microbiology technician

- Conduct travel at government expense to support material development, provide onsite analysis or participate in scientific meetings as necessary
- Work in close coordination with other government contractors and government employees in various studies to achieve program objectives
- The contract employee must complete mandatory Federal, DoD, Army, and USAMRIID trainings as required
- Experience in assay development and validation work for 5-10 years
- Special Immunization Program required
- Experience in troubleshooting assays and identifying steps critical in assay failure, evaluation of quality control steps