



# 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

- Enter data and maintain laboratory reagents and culture media
- Collect and test environmental samples
- Assist in identification of microbial contaminants using microscopy, morphology, physiological and cultural characteristics
- Assist in laboratory projects as appropriate
- Responsible for the quality of work product
- Monitor laboratory and immediately corrects housekeeping deficiencies
- Performing quality control on equipment
- Taking part in the writing drafts SOPs for equipment utilising
- Obtain a thorough knowledge and complete training records for assigned microbiological test procedures
- Able to observe and make real-time changes to maximize productivity at the bench while maintaining the highest data quality

## Qualifications for microbiology technician

- Candidate should have knowledge and/or experience with molecular biological techniques to include polymerase chain reaction (PCR), and should understand cloning, tissue culture, and protein expression in mammalian systems
- Candidate should have experience with working under a quality system such as GLP, ISO9000 or the Clinical Laboratory Improvement Act (CLIA)

- Self-Starter with good written and communication skills
- Minimum of 3 years related Laboratory Technician experience and training to include aseptic techniques for bioburden and sterility tests, microbiological culturing and/or identification, assays, pipettes
- BS Microbiology, Biology, Food Science or related field