

Blacksburg Location
2001 Kraft Drive
Blacksburg, VA 24060



Radford Location
20 Corporate Drive
Radford, VA 24141

Job Title: Research Technician

Company Overview

TECHLAB, Inc. was founded in 1989 by scientists from the Virginia Tech Anaerobe Lab, one of the only three institutions in the world dedicated to the study of anaerobic organisms. In the late 1970's and early 1980's, research headed by Dr. Tracy Wilkins began on *Clostridium difficile* and its toxins.

Today the company develops, manufactures and distributes intestinal diagnostics worldwide retaining an emphasis on science and collaborations with universities. Products are focused in the areas of intestinal inflammation, antibiotic associated diarrhea and parasitology. Research continues on markers of intestinal inflammation, the toxins of *Clostridium difficile*, amebiasis and vaccine development. TECHLAB®, Inc. has ISO 13485 certification along with FDA registration. For more information, visit www.techlab.com.

Job Summary

The job of the Research Technician is to aid the Research Associate, Research Scientists, and Senior Research Scientists with experiments and research. The Research Technician can be expected to perform protein purification using chromatography, write Standard Operating Procedures and Master Batch Records, and assist with assay development and optimization. The Research Technician will report to a Senior Research Scientist.

Work Activities

- Assist with assay and method development and optimization, including ÄKTA chromatography system, ELISA, nucleic acid amplification, QUIK CHEK, and lateral flow immunoassays
- Recombinant protein expression
- Monoclonal, polyclonal, and native protein purification
- Perform general biological experiments and laboratory procedures
- Write and follow Standard Operating Procedures and Master Batch Records
- Produce large scale reagent preparations for use by Production under GMP conditions
- Manage time effectively and efficiently
- Review scientific literature, including abstracts, posters, and peer-reviewed publications
- Work with pathogenic, biohazardous, and hazardous materials
- Present research findings at company meetings and seminars
- Perform diagnostic testing with clinical specimens
- Follow all safety and general lab procedures
- Analyze data using Excel and JMP statistical software
- Travel occasionally to attend training and meetings

Tools and Equipment Used

Microsoft Office Suite
Basic and Advanced Lab Equipment
DNA sequence databases
JMP

Job Context

TechLab maintains a climate controlled environment for the job of Research Technician. The Research Technician can be expected to work with human pathogens. An employee in this position must be able to lift upwards of 40lbs. A typical workweek is Monday through Friday 8:00 to 4:30 or 8:30 to 5:00. Overtime is occasionally necessary with or without advance notice.

Minimum Qualifications

B.A. or B.S. in a life science + 1 year of experience