

Job Title: Laboratory Technician
Department: Product Development
Reports To: Systems Group Manager

GENERAL DESCRIPTION

The Laboratory Technician is responsible for assisting with the assay and hardware development of lateral flow based point-of-care diagnostic devices. The position requires experience with common equipment and procedures found in biochemistry labs such as ELISA, cell lysis, cell staining, viability assays, and spectroscopy. A successful candidate will possess the knowledge and experience necessary to select and perform the most appropriate analytical technique for the quantitation of various biological substances under different conditions. This is a cross-disciplinary position that will include the operation, testing, and development of medical device hardware components in conjunction with assay development efforts. This is an entry level position.

REQUIREMENTS

Education:

- BS in Biology or Biochemistry

Skills and Experience Required:

- Strong analytical and communication skills
- Experience using plate readers and other common laboratory equipment
- Experience with ELISA and other common biochemical assays
- Experience with lateral flow assays highly desired
- Experience handling, characterizing, and quantitating bacteria
- Comfortable with quantitating protein and nucleic acid using a variety of techniques

Essential Duties and Responsibilities

Responsibilities:

- Research and development of multiplexed assay chemistries, especially in the context of lateral flow assays for bacterial detection
- Development of assay processing and analysis hardware
- Design of complex laboratory experiments
- Perform experimental testing and data analysis
- Contribute to the creation of innovative solutions
- Assist with the maintenance, cleanliness and safety of the laboratory
- Interface and work effectively with multiple interdisciplinary departments

Working Conditions:

- Work is normally performed in a typical office or lab work environment
- Possible exposure to mechanical, biologic and chemical hazards
- Frequent use of personal computer, copiers, printers, and telephones
- Frequent standing, walking, climbing stairs, sitting, listening, and talking
- Infrequent lifting of up to 25 lbs