

**Research Scientist**  
**Optimum Imaging Diagnostics - Scarborough, ME**

**SUMMARY:**

OIDx has an immediate opening for a Research Scientist who will be responsible for duties involved in the development and manufacturing of medical point-of-care diagnostic products. A successful candidate should be highly motivated and able to work independently as well as in a team. As part of a fast-paced start-up, this person will have a variety of responsibilities ranging from product development and troubleshooting to manufacturing in a regulated environment. Experience in lateral flow immunoassays, ELISA, and techniques such as HPLC, SDS-PAGE, FPLC highly desired for this position.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:** Other duties may be assigned.

- Development and manufacturing of lateral flow immunoassays and ELISAs for various infectious diseases.
- Operate variety of equipment such as liquid handling systems for production of lateral flow and ELISA devices.
- Perform experiments in the laboratory for development and optimization of products.
- Accurately record experimental data and results in laboratory notebooks.
- Compile and analyze test data for study reports.
- Prepare buffers, solutions, reagents, and devices according to Standard Operating Procedures and Work Instructions.
- Follow detailed procedures to prepare critical reagents such as antibody conjugates.
- Participate in validation and verification procedures pertinent to development and manufacturing of immunoassay tests and reagents, understanding conceptions of LOB, LOD, LOQ
- Maintain inventory of chemicals and supplies.
- Maintain general cleanliness and organization in laboratory and manufacturing areas.
- Duties may include analysis and purification of rare reagents using HPLC, FPLC, SDS-PAGE, and/or various analytical techniques.
- Maintain various lab equipment. Perform and record Preventative Maintenance as part of a Quality Assurance system.
- Ability and experience to plan and perform DOE (design of experiments).
- Ability to make data driven conclusions.

**NECESSARY QUALIFICATIONS & COMPETENCIES:**

- Analytical—the individual gathers and monitors complex or diverse information skillfully.
- Attention to detail – the individual is focused and accurate
- Flexible —the individual is able to manage multiple projects and tasks and thrive in a fast-paced start-up environment

- Oral & written communication—the individual speaks and writes clearly and persuasively.
- Planning/organizing—the individual prioritizes and plans work activities, uses time efficiently and develops realistic action plans.
- Problem solving—the individual identifies and resolves problems in a timely manner.
- Professional – the individual presents him/herself professionally at all time with an eye toward customer service and teamwork.
- Competent and familiar with standard laboratory equipment and instrumentation.
- Self-directed and creative and must be able to work effectively in a flexible and multi-disciplinary team environment.

**COLLATERAL RESPONSIBILITIES:**

- Maintain a positive attitude and a passion for excellence in promoting the well-being of the company, its products and its employees.
- Assist with special projects as assigned.

**EDUCATION and EXPERIENCE:**

Bachelor of Science Degree in Molecular Biology, Chemistry, Biochemistry, Bioengineering or related field

- Minimum 1+ years of experience required
- Experience in development and manufacturing of lateral flow and ELISA immunoassays desired
- Experience with analytical test methodologies
- Proficiency with statistical data processing, experience with JMP, mini-Tab, Excel or other statistical software.
- Six sigma training or certificates

Job Type:  
Full-time

Work authorization:  
United States (Required)

Benefits offered:

- Paid time off and Health insurance

**HOW TO APPLY:**

- Please include in your cover letter that you found this job posting through biomaine.org. Apply through Indeed : [https://www.indeedjobs.com/optimum-imaging-diagnostics-f249917/\\_hl/en\\_US?cpref=JXWAtnzf3XW5aRnY2g\\_zos\\_1WAXHb5RL-XIsrKEM7os](https://www.indeedjobs.com/optimum-imaging-diagnostics-f249917/_hl/en_US?cpref=JXWAtnzf3XW5aRnY2g_zos_1WAXHb5RL-XIsrKEM7os)