



## **Exempt Job Description**

**Position Title:** PD Research Scientist  
**Department:** Product Development  
**Effective:** February, 2019

### **Position Summary:**

PD Research Scientist plans, designs, organizes and conducts experiments and is responsible for timely and complete data analysis and record keeping, as well as foreseeing, avoiding and solving problems. PD Research Scientist has to approach assigned duties with high level of professional independence and self-motivation, and demonstrate adequate ability to work on multiple projects in a fast-paced environment.

### **Required Education and Experience:**

- Ph.D. degree in chemistry, biochemistry or biology combined with relevant research experience or Master's degree in chemistry, biochemistry or biology with at least five years of experience or Bachelor's degree in chemistry, biochemistry or biology with at least seven years of experience in In Vitro Diagnostic research and product development.
- Extensive hands-on experiences and in-depth knowledge in general protein chemistry including antibody modification and handling.
- Knowledge about biomolecular interactions and methods to characterize it.
- Working knowledge of diagnostic devices including lateral flow, microfluidic-based or other analytical methods.
- Flexibility, creativity, analytical and problem solving abilities.
- Good technical writing, verbal and presentation skills.
- Computer literacy, including practical knowledge of Microsoft Office.
- Sufficient knowledge of relevant statistical techniques.

### **Essential Functions/Major Responsibilities:**

- Identify, plan and execute research ideas leading to noble detection systems, consumables and processes with existing and new product platforms.
- Troubleshoot and improve existing chemistry, processes and methods.
- Compile and analyze data; prepare reports.
- Contribute to assigned projects for product development and launch.
- Responsible for compliance with the company's quality system requirements through training and adherence to policies, procedures and processes.
- Work independently and within multi-disciplinarily project teams (internally and externally).
- Develop details of the approach to assignment with consideration of schedule, cost, reliability, simplicity, manufacturing methods and effectiveness.
- Accommodate additional tasks and responsibilities as needed.