Exempt Job Description

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

Position Summary:

Participate in development of rapid immunoassay for IVD applications. Conduct testing of IVD instruments and evaluate performance of various clinical chemistry methods and immunoassays. Execute testing in accordance to pre-written protocols; document, analyze and summarize results; integrate the documentation and results into reports to support completion of project assignments.
Maintain in-house reference instruments in best condition and be a main contact for service and troubleshooting

Required Education, Experience and Skills:

Bachelor's degree in a scientific discipline (chemistry, biochemistry, biology or related field) with ≥1 years of research or industrial laboratory experience and demonstrated working knowledge of scientific principles. Competence in working with common laboratory equipment, analytical instruments and diagnostic devices. Adequate understanding and knowledge of immunochemistry and quantitative immunoassays. Working knowledge of monoclonal and polyclonal antibodies, and basic protein chemistry. Understanding of experimental design and basic skills in statistics. Adequate analytical and problem-solving abilities. Self-motivation, reasonable independence in planning and conducting experiments, and critical thinking.

Essential Functions/Major Responsibilities:

- Design and execute experiments and integrate work of self and others to complete assignment of the overall work plan.
- Understand and adhere to pre-written test procedures and protocols.
- Work with synthetic and native blood/blood-derived specimens.
- Maintain reference instruments in best condition and keep logs.
- Contribute to preparation of SOPs for IQ, OQ and PQ and train people who are new to use the instruments.
- Responsible for compliance with the company's quality system requirements through training and adherence to policies, procedures and processes.
- Work effectively with own team members and other personnel.
- Efficiently manage own time to complete laboratory work and associated paperwork by assigned completion dates.
- Write experimental summaries and technical reports for own data.
- Write reports covering data and non-data project topics.
- Conduct literature reviews; summarize and evaluate data obtained.
- Perform other assignments or projects as directed.