



## About Jana Care, Inc.

Jana Care, Inc. is a medical technology company that develops point-of care diagnostics for the screening and management of chronic diseases- heart failure, chronic kidney disease and diabetes to start. Its novel, digitally connected platform enables real-time testing using fingerstick blood samples at-home, with new tests for NT-proBNP, Potassium and Serum Creatinine in development. Jana Care is headquartered in Boston, USA, and has established a product development and production facility in Bangalore, India.

## Scientist, Assay Development

Responsible for the development of lateral flow immunoassays and enzymatic assays from concept through to commercialization.

## Qualifications

- PhD / MS + 3 years / BS + 7 years of industry experience in biochemistry, molecular biology, chemistry, bioengineering, chemical engineering or a related discipline
- Experience working as part of a multi-disciplinary team required
- Able to resolve complex technical problems independently
- Working knowledge and practical ability in a variety of complex laboratory procedures, established techniques, instruments and equipment
- Attention to detail and good record keeping skills
- Proven ability to plan and execute research projects
- Knowledge of clinical chemistry preferred
- Experience with assay development, specifically lateral flow immunoassays / enzymatic assays, preferred
- Familiarity with in vitro diagnostic (IVD) assay development, ISO 13485, and 21 CFR 820 preferred
- Familiarity with statistical principles applicable to assessment of assay performance preferred
- Familiarity with standards applicable to assay validation preferred
- Experience in computational analysis of data sets using general-purpose programming language (such as Python, R, or Matlab) preferred

## Responsibilities

- Responsible for the development of assays for home & point of care testing (immunoassay, enzymatic, dry chemistry)
- Design and execute lab-based experiments, generate and interpret data
- Design and fabricate prototype devices
- Troubleshoot and optimize assay design and protocols for test strip production and Quality Control
- Summarize relevant work into written reports and presentations
- Collaborate across the organization on systems integration with reader hardware & software
- Participate in design transfer to manufacturing, including working with contract manufacturers to scale up production