Example of Scientist, Development Job Description

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Our growing company is searching for experienced candidates for the position of scientist, development. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for scientist, development

- Scale assays to work on >10,000 strains per week via software + automation
- Collaborate with software engineers to ensure that all data is captured, stored, and analyzed in Ginkgo's LIMS
- Responsible for the development of molecular diagnostic assays in the area of infectious disease
- Responsible for execution of assay development activities through the feasibility, development, and verification and validation stages of product development cycle
- Development of robust sample preparation protocols from a wide range of biological sample type
- Development of Primer/Probe design for molecular assays
- Characterization of enzymes for molecular processes involving nucleic acids, lipids, and proteins
- Characterization of steps during extraction and purification of nucleic acids
- Lead/facilitate/participate in technical meetings within discipline/department
- Author and drive requirements definition for assigned unit of work

Qualifications for scientist, development

- Strong ability to build lasting relationships between assay development, manufacturing and quality regulatory teams
- Bachelor’s of Science degree with 2-6 years work experience in

- Demonstrated ability to develop novel assays and optimize conditions to reduce variability
- Enzymology experience a plus
- Familiarity with software, programming, or laboratory automation a plus
- Familiarity with diverse microbes, including plant-associated microbes, a plus