



## Job Description: Sr. Scientist, R&D

Great Basin/Vela Operations US – West Valley City, UT 84120

Vela Operations USA is seeking a Sr. Scientist to join our R&D team in Salt Lake City, UT. This is a full-time, exempt, benefitted position. The Sr. Scientist will design and conduct experiments, collect and analyze data, and perform project management functions. The position is also responsible for analyzing and documenting experimental data sets, communicating experimental results to the larger organization, and management oversight of junior R&D staff.

### CORE RESPONSIBILITIES:

- Contribute to all stages of research, development, optimization, and commercialization for novel IVD assay products targeting infectious diseases.
- Participate in pre-clinical and clinical IVD assay validations.
- Perform common molecular biology techniques for nucleic acid-based detection assays, including extraction, amplification, and detection.
- Design nucleic acid-based detection assays.
- Grow and maintain a variety of clinically relevant microorganisms.
- Perform and document assay verifications, validations, and quality reviews within the guidelines of the quality management system.
- Develop manufacturing procedures and quality testing protocols.
- Plan and manage product development projects.
- Train and manage junior members in the laboratory.
- Support general laboratory activities by helping to maintain equipment and manage lab supplies.

### MINIMUM QUALIFICATIONS:

- MS or PhD in Molecular Biology, Chemistry, Biochemistry or Cell Biology
- 5+ years PCR assay development or product development experience in IVD industry or related field
- Proficiency in molecular biology techniques including isothermal amplification techniques, PCR, qPCR, RT-PCR, and DNA/RNA extraction.
- Proficiency in standard microbiology techniques, specifically culturing BSL2 level microorganisms.
- Demonstrated ability to participate in experimental design, execution, data analysis, and interpretation of results.
- Excellent oral and written communication skills.
- Motivated, responsible, and flexible team player who will thrive in a high-paced, dynamic environment.
- Candidate should enjoy working in a collaborative, interdepartmental team and be able to efficiently multi-task and troubleshoot problems.



PREFERRED QUALIFICATIONS:

- Bioinformatics experience, particularly related to genomics and PCR-based assay design, is preferred.
- Knowledge and experience in infectious disease assay development is a plus.
- Knowledge and experience in clinical microbiology and/or experience working with bloodborne pathogens is a plus.
- Experience in ISO 13485 environments and functional knowledge of GMP standards and practices.

If you are interested, please send your resume to [gb.jobs@veladx.com](mailto:gb.jobs@veladx.com) and include “**Sr. Scientist, R&D**” in the subject line