



JOB DESCRIPTION

Job Title: Scientist I, (Core)

Department: Assay Development R&D

FLSA Classification: Exempt

Location: San Diego, CA

Reports to: Senior Manager or Director

SUMMARY:

Designs, implements and executes analytical and scientific experiments to provide reagents to Development and Research Team as well as Contract Manufacturers. Demonstrates potential for technical proficiency, high degree of organization and planning and the ability to apply scientific principles to scale up core analytical and purification methods

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Defines tasks and plans the work required to meet Development, Research and Contract Manufacturer needs
- Ensures data, protocols and reports meet analytical requirements
- Maintains project documentations in accordance with internal and external requirements.
- Writes and revises technical reports, protocols and Work Instructions/SOPs
- Keeps accurate records of work undertaken
- Uses computer software to analyze data and to produce diagrammatic representation of results
- Supports development of analytical methods to ensure reagent integrity
- Shares results of method development with colleagues through presentations or discussions at team meetings
- May need to train or assist in the transfer of analytical and quality control methods with Contract Manufacturer

QUALIFICATIONS AND TECHNICAL SKILLS:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Hands-on experience with HPLC and other chromatography methods
- Experience with oligo synthesis and purification
- Solid knowledge of molecular biology, biochemistry or related disciplines
- Good understanding of nucleic acid amplification
- Understanding of Scientific Method, experimental design and statistical analysis
- Ability to analyze data and come to valid scientific conclusions
- Ability to present data to medium and large groups both internally and externally
- Sound technical writing
- Ability to work in and/or lead small teams
- Projects require substantial knowledge of state-of-the-art principles and theories in area of expertise
- Uses professional concepts and procedures to establish and scale up analytical and purification methods
- Provides scientific guidance and training to more junior staff
- May directly supervise one or more members of core group

EDUCATION AND EXPERIENCE:

- BS and 12 + years related experience or
- MS and 6 years or
- PhD and 2-5 years related experience in a scientific discipline or equivalent in engineering.