

## **Formulation Scientist I - High Throughput Services**

US-IA-Coralville

**Job ID:** 2019-4967

**Type:** Full Time

**# of Openings:** 1

**Category:** Manufacturing Operations

IDT - Coralville Operations (1710 Commercial Park)

### **Overview**

The Formulation Scientist I formulates custom oligonucleotides according to the customer's specifications. This generally includes quantification, final packaging, and QC sampling of the products being made.

### **Responsibilities**

#### **Job Specific Essential Functions:**

- Uses automated and manual lab equipment accurately; including limited maintenance and troubleshooting activities
- Uses custom software packages to complete tasks and create final product
- Utilizes stoichiometry to convert measurement units and creates custom solutions
- Translates order requirements into a process to formulate oligos to the customer's specifications
- Quantifies and samples oligos for quality control tests
- Assesses QC data accurately and makes pass/fail decisions for oligos
- Maintains daily ship deadlines for all products
- Maximizes automation for all processes
- Incorporates new products and processes continuously
- Adheres to safety regulations, lab SOPs, and contamination controls
- Demonstrates behavior consistent with the Integrated DNA Technologies Core Values
- Performs other duties as assigned

#### **Position Specific Essential Functions:**

- Completes replication of plate and/or tube orders
- Utilizes ERP system to order lab supplies and fulfill work orders, as needed
- Assists with writing and double checking scripts and mapping for liquid handlers
- Assists with creating and following custom flows for special processing orders
- Completes backend checks on final product, as required

### **Qualifications**

#### **Education:**

- Associate's degree in science related field plus 2 years of applicable lab experience required

- Bachelor's degree in science related field preferred

**Experience:**

- Proficiency in a variety of PC software programs with strong working knowledge of Microsoft Office (and an emphasis on Excel) required

**Required Skills:**

- Skill to calculate concentrations with provided formulas required
- Ability to operate pipette required

**Other Job Qualifications:**

- Strong attention to detail
- Uses aids and SOPs to make decisions about the proper production path per product
- Ability to prioritize and organize workload to efficiently accomplish departmental goals
- Ability to work in a team environment, remaining attentive to ideas, recognizing responsibilities, and actively participating with others to accomplish assignments and achieve desired goals.
- Ability to manage time and works independently
- Ability to communicate with peers and all levels of management
- Ability to perform under stress when confronted with emergent, critical, unusual, or dangerous situations, or situation in which working speed and sustained attention are make-or-break aspects of the job.
- Ability to perform a variety of duties, often changing from one task to another without loss of efficiency or composure.
- Ability to maintain both a high standard of courtesy and cooperation in dealing with co-workers.
- Ability to accept responsibility for the direction, control or planning of an activity.
- Adaptability to situations requiring the precise attainment of set limits, tolerances or standards.
- Ability to perform repetitive work or to perform continuously the same work, according to set procedures sequence or pace.

*Integrated DNA Technologies is an equal employment and affirmative action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.*

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