

Alberta Precision Laboratories (APL) and the Health Sciences Association of Alberta (HSAA)

This classification specification identifies representative duties and responsibilities, and is intended to assist in the determination of the appropriate classification level within each discipline. Some duties and responsibilities may overlap between class levels. The classification specification is not intended to provide an exhaustive list of all duties performed.

Classification Title: **Laboratory Scientist III**

Date Updated: **September 23, 2021**

Job Summary:

The Laboratory Scientist III initiates new approaches to testing, and oversees and coordinates broad laboratory processes and functions.

Work of the Laboratory Scientist III level is distinguished from the Laboratory Scientist II level by the level of independence exercised. Decisions made at this level provide for the advancement of diagnostic services and enhanced laboratory performance.

Key Responsibilities and Typical Duties:

In addition to the duties of the Laboratory Scientist II, the Laboratory Scientist III:

Core Duties

- Identifies the need for and/or implements technological or process changes.
- Directs and/or coordinates quality control/assurance procedures and processes.
- Oversees technology development and integration.
- Oversees complex project design, development and implementation.
- Directs and/or coordinates safety related issues in the laboratory as required.
- Analyzes and interprets complex and unusual data and results.
- Designs and/or provides technical and troubleshooting support for both internal and external laboratories and clinical professionals.

Other Related Duties

- Attends scientific meetings and conferences to present research.
- Updates programs, incorporating best practices in the discipline.
- Establishes collaborative studies involving multiple sites/departments.

Leadership

- Provides training in specialized methodologies and technologies to other health care providers.
- Supervises laboratory staff.
- Assists in the selection, recruitment and evaluation of laboratory staff.
- Assists with strategic planning for Laboratory Services.
- Determines budgetary expenditures including purchase of reagents, supplies and software.

Decision-Making

- Provides clinical consultation to other health care providers.

Knowledge:

Education

- PhD in Medical Laboratory Science or a related scientific discipline.

Working Conditions:

Physical Demands

- Stands, sits, lifts and carries equipment and supplies.
- Extensive computer use.

Work Environment

- Potential exposure to bio-hazardous materials, radiation and chemical hazards.
- Exposure to heat, cold and noise.