

Clinical Microbiology – Conducts tests on blood, body fluid and/or tissue samples to detect bacteria, fungi, viruses and/or parasites.

Common Test: Throat swab to detect Strep Throat.

Hematology: Conducts tests to measure blood cells and to detect diseases and/or disorders of the blood.

Common Tests: Hemoglobin Test to detect anaemia.

Transfusion Medicine – Conducts blood typing and blood compatibility tests.

Common Tests: Cross matching for blood transfusions.

Histology – Prepares samples of body tissue for tests to detect cancer.

Common Test: Biopsy of a breast lump.

Diagnostic Cytology: Conducts tests on cells taken from the body to detect cancer.

Common Test: Pap test to detect cervical cancer.

Clinical Genetics: Conducts tests on chromosomes, DNA and RNA from cells of body fluids and tissues, to diagnose genetic diseases.

Common Test: Amniocentesis and other forms of pre-natal testing.

Other speciality areas include **Electron Microscopy**, **Virology**, and **Flow Cytometry**.

Join Our Team

A Medical Laboratory Assistant (MLA) is an integral member of the laboratory workforce, a field that is not only growing to meet the needs of an increasing and aging population, but also changing to support medical advances.

Working as a Medical Laboratory Technologist (MLT) in a medical laboratory science is a fascinating career that combines science and technology with the opportunity to help people.

For more information about employment opportunities in the Medical Laboratory field contact:

Human Resources

Calgary Laboratory Services
9, 3535 Research Road, NW
Calgary, AB T2L 2K8
Web Site: www.calgarylabservices.com
E-mail: jobs@cls.ab.ca

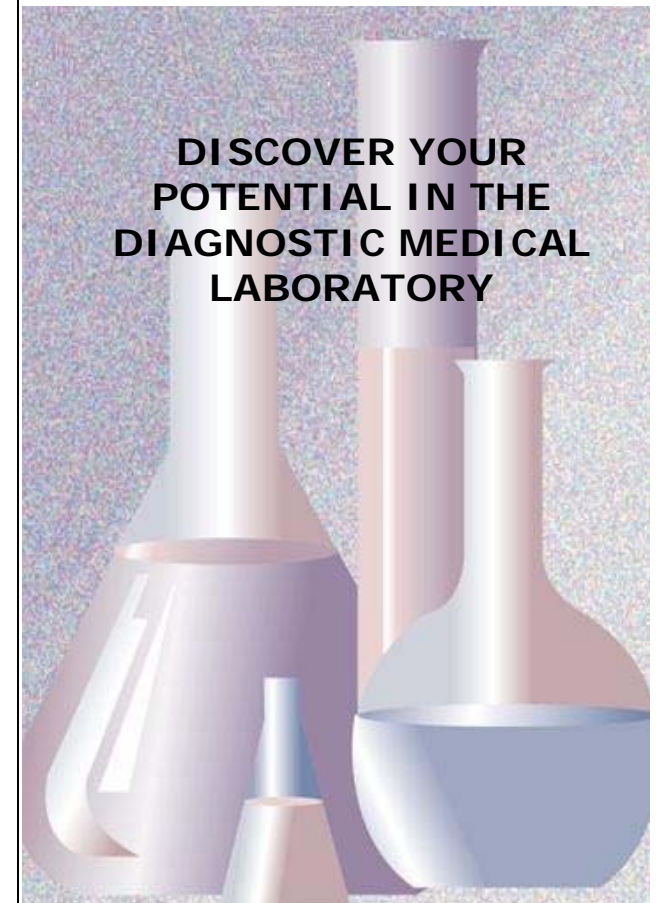
For information on educational requirements in Calgary contact:

Southern Alberta Institute of Technology (SAIT)

Telephone: (403) 284-8500
Web Site: www.sait.ca
E-Mail: hps.info@sait.ca

Alberta Business & Educational services (ABES)

Telephone: (403) 232 - 8758
Web Site: www.abes.ca



About Calgary Laboratory Services

CLS is a medical diagnostic laboratory that offers a full range of laboratory services to the Calgary Region and parts of Southern Alberta. Every year more than two thousand physicians access our services to help diagnose, treat and monitor their patient's health.

The workforce of Calgary Laboratory Services consists of a large component of technical, medical and support staff. 40% of the workforce is Medical Laboratory Technologists, 40% are Medical Laboratory Assistants, 4% are physicians and the remainder are support and management staff.

Through our community collection sites, mobile services, and hospital laboratories, we serve over a million people each year and perform approximately 15 million tests annually.

The Calgary Health Region is the largest integrated health care network in Canada, and Calgary is one of the fastest growing metropolitan cities. CLS is a public/private partnership, and is affiliated with the University of Calgary.

Medical Laboratory Assistants (MLA)are:

Multi-skilled professionals who primarily perform Phlebotomy (blood collection), Electrocardiograms and:

- ✓ Are problem solvers
- ✓ Are accurate and detail oriented
- ✓ Provide excellent customer service & have strong client service skills
- ✓ Project a caring professional and competent demeanour
- ✓ Are front-line workers
- ✓ Have good keyboarding skills
- ✓ Possess manual dexterity
- ✓ Work well under pressure / stressing a fast paced environment
- ✓ Maintain confidentiality

At Calgary Laboratory Services MLA's may work in:

- Out-patient labs known as Patient Service Centers
- Hospital / Acute Care Centers
- Various Departments within the laboratory (Hematology, Chemistry, Transfusion Medicine, Microbiology and Specimen Control)

Medical Laboratory Technologists (MLT)are:

- ✓ Fascinated – by science and the way the human body works
- ✓ Process Oriented – understand the importance of following certain steps to arrive at a conclusion
- ✓ Accurate – careful and pay attention to details in your work
- ✓ Self-sufficient – rely on yourself to get a job done
- ✓ Team players – work independently but as an essential part of the health care team
- ✓ Perform sophisticated laboratory tests by using complex instruments and electronic equipment to help diagnose and treat disease

Areas of Speciality

There are thousands of different tests that are performed in speciality areas of the medical laboratory:

Clinical Biochemistry – Conducts tests on blood and body fluid to detect chemicals, hormones and/or drugs.

Common Test: Blood Glucose (blood sugar) to diagnose and monitor Diabetes.