

## **MEDICAL LABORATORY TECHNOLOGIST**

### DEFINITION

To perform a variety of technical medical analyses in a medical laboratory and conduct tests, analyses and examinations for health services; and to perform related duties as assigned.

### SUPERVISION RECEIVED AND EXERCISED

Receives direction from the Public Health Manager and technical direction from the Public Health Officer.

### EXAMPLES OF DUTIES - Duties may include, but are not limited to the following:

Conducts a variety of advanced qualitative and quantitative tests in chemistry, urinalysis, hematology, parasitology, bacteriology and the examination of various body fluids.

Collects blood samples for examination, makes blood counts and types blood; collects specimens, calibrates instruments, prepares media solutions and reagents.

Orders supplies and equipment for laboratory use.

Maintains appropriate logs of tests completed.

Records results and assembles data and material for interpretation by professionals and supervisors.

Performs a variety of tests to provide quality assurance as required by the Oregon Health Division and the Oregon Administrative Rules for maintaining and operating a laboratory.

Maintains clean lab area.

LANE COUNTY  
Medical Laboratory Technologist (Continued)

MINIMUM QUALIFICATIONS

Knowledge of:

Standard chemical, microscopic and bacteriological procedures.

Modern laboratory principles and their use in clinical analysis.

Microbiology, parasitology and the illnesses and diseases associated with microbes, viruses and parasites.

Proficiency standards for medical analysis as set by the State of Oregon.

Standards, principles and practices of sterile and safe laboratory procedures.

Biological origins of disease and techniques used to isolate and identify organisms.

Stains, reagents and compounds used in the identification, isolation and reproduction of organisms in a laboratory.

Reagent stability and storage.

Theories of microbotic reproduction within the human body and the effect of the organism on human physiology and systems.

Ability to:

Use standardized laboratory techniques to analyze and test specimens.

Determine the identity of organisms using laboratory techniques and equipment.

Perform safe and sterile analyses on a variety of potentially harmful and dangerous specimens.

Communicate clearly and concisely, both orally and in writing.

Coordinate lab efforts with requesting services to ensure proper and timely analysis.

LANE COUNTY  
Medical Laboratory Technologist (Continued)

Ability to:

Develop, maintain and update concise, comprehensive and accurate records of analyses, and develop reports from such records.

Maintain quality control systems and processes as required by Clinical Laboratory Improvements Amendments (CLIA) and the Oregon Health Division/Public Health Lab.

Experience and Training

Training:

Bachelor's degree from an accredited college or university with major course work in chemical, physical, biological or clinical laboratory sciences, or medical technology.

Experience:

Two years of responsible clinical experience in non-waived testing.

An equivalent combination of experience and training that will demonstrate the required knowledge and abilities is qualifying.