Medical Technologist

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
MEDICAL TECHNOLOGIST I	4401	B16	$40,918 - $61,130
MEDICAL TECHNOLOGIST II	4402	B18	$45,521 - $71,055
MEDICAL TECHNOLOGIST III	4403	B20	$51,158 - $81,351
MEDICAL TECHNOLOGIST IV	4404	B22	$57,614 - $93,138
MEDICAL TECHNOLOGIST V	4405	B24	$65,104 - $106,634

GENERAL DESCRIPTION

Performs clinical, histological, or cytological laboratory work involving performing medical testing procedures and reporting the results for evaluation, diagnosis, or treatment.

EXAMPLES OF WORK PERFORMED

Performs medical laboratory tests using serological, fluorometric, colorimetric, immunofluorometric, electrophoretic, or other commonly used technology.

Performs clinical laboratory procedures in urinalysis, hematology, microbiology, clinical chemistry, or serology.

Performs and interprets low- or high-volume medical screening, confirmatory, or diagnostic tests.

Performs parasitological identifications.

Conducts chemical analysis of body fluids, including blood, urine, and spinal fluid, to determine presence of normal and abnormal components; and provides reports on analysis and findings.

Sets up, cleans, and maintains laboratory equipment.

Performs related work as assigned.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level V may also perform work listed within the previous levels.

***Note**: Factors that may distinguish between the journey levels include the degree of independence in performing the work; the complexity of the work; the scope of responsibility; and the employee's related work experience, education, and certifications. Employees at the journey levels (levels I-III) may independently perform the full range of work identified within current or previous levels and may assist others performing work of greater complexity.*

MEDICAL TECHNOLOGIST I: Performs entry-level clinical, histological, or cytological laboratory work. Works under close supervision, with minimal latitude for the use of initiative and independent judgment.

MEDICAL TECHNOLOGIST II: Performs routine (journey-level) clinical, histological, or cytological laboratory work. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment. Employees at this level may:

- Interpret chemical analysis of body fluids, including blood, urine, and spinal fluid, to determine presence of normal and abnormal components prior to releasing results.
- Enter data into laboratory information systems.
- Determine specimen integrity, including calling to verify discrepancies and integrity issues, such as unlabeled specimens.

MEDICAL TECHNOLOGIST III: Performs complex (journey-level) clinical, histological, or cytological laboratory work. Works under general supervision, with moderate latitude for the use of initiative and independent judgment. Employees at this level may:

- Monitor clinical laboratory procedures in urinalysis, hematology, microbiology, clinical chemistry, or serology.
- Review and verify clinical or cytological laboratory reports for correctness and accuracy.
- Maintain supply and inventory and ensure that orders are received and ready for use in a timely fashion.

Note: *Senior-level employees (levels IV-V) may serve as a lead or supervisor. Senior-level employees may perform the full range of work identified in the levels preceding their own, and/or may coordinate and/or oversee that work for others. Factors that may distinguish between senior levels include the scope of responsibility, oversight, and authority; and the nature, complexity, scope, and impact of the work performed.*

MEDICAL TECHNOLOGIST IV: Performs advanced (senior-level) clinical, cytological, or histological laboratory work. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Prepare and coordinate training, evaluation, and quality control programs.
- Receive, allocate, and assign requests for clinical, cytological, or histological laboratory tests.
- Perform or coordinate diagnostic procedures in cytology.
- Formulate and adapt methods of testing clinical, cytological, or histological specimens.

MEDICAL TECHNOLOGIST V: Performs highly advanced (senior-level) clinical, cytological, or histological laboratory work. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment. Employees at this level may:

- Develop procedures for processing specimens to ensure the accuracy of results, proper handling of specimens, and disposal of hazardous materials.
- Evaluate methods of testing clinical, cytological, or histological specimens.
- Review and monitor training, evaluation, and quality control programs.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Agencies have the discretion to identify the general or specialized experience, education, or certifications required for positions and may tailor qualification requirements to specifically meet the agency's business needs. Agencies may substitute experience, education, military service, apprenticeships, and relevant credentials for one another, if appropriate and allowed by statute.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

- Knowledge of medical technology and cytotechnology concepts and practices, and clinical, cytological, or histological laboratory methods and procedures.
- Skill in the use of laboratory equipment, including computerized instruments and laboratory information management systems.
- Ability to conduct clinical, cytological, or histological laboratory tests, to determine deterioration or change in specimen and reagent quality, and to communicate effectively.

Additional for Medical Technologist IV – V levels

- Ability to supervise the work of others.

REGISTRATION, CERTIFICATION, OR LICENSURE

May be registered as a medical technologist, histotechnician, cytotechnologist, or a clinical laboratory scientist.

May be required to meet the Clinical Laboratory Improvement Amendments (CLIA) regulations as testing personnel.