



# Medical Technologist IV

Salary Group: B20  
Class Code: 4404

| CLASS TITLE                    | CLASS CODE  | SALARY GROUP | SALARY RANGE               |
|--------------------------------|-------------|--------------|----------------------------|
| MEDICAL TECHNOLOGIST I         | 4401        | B14          | \$34,144 - \$52,134        |
| MEDICAL TECHNOLOGIST II        | 4402        | B16          | \$37,918 - \$58,130        |
| MEDICAL TECHNOLOGIST III       | 4403        | B18          | \$42,521 - \$67,671        |
| <b>MEDICAL TECHNOLOGIST IV</b> | <b>4404</b> | <b>B20</b>   | <b>\$48,158 - \$77,477</b> |
| MEDICAL TECHNOLOGIST V         | 4405        | B22          | \$54,614 - \$88,703        |

## GENERAL DESCRIPTION

Performs advanced and/or supervisory (senior-level) clinical, cytological, or histological laboratory work. Work involves coordinating and conducting clinical, cytological, or histological laboratory tests and procedures; monitoring tests for accuracy; and ensuring that quality control is maintained. May supervise the work of others. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Coordinates and monitors the analysis of clinical samples using serological, fluorometric, colorimetric, immunofluorometric, electrophoretic, or other commonly used technology.

Coordinates and monitors clinical laboratory procedures in urinalysis, hematology, microbiology, clinical chemistry, or serology.

Coordinates and reviews the chemical analysis of body fluids, including blood, urine, and spinal fluid, to determine presence of normal and abnormal components.

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

Performs or coordinates diagnostic procedures in cytology.

Performs parasitological identifications.

Sets up, cleans, calibrates, and maintains laboratory equipment.

Prepares and coordinates training, evaluation, and quality control programs.

Formulates and adapts methods of testing clinical, cytological, or histological specimens.

Reviews and verifies clinical or cytological laboratory reports for correctness and accuracy.

Receives, allocates, and assigns requests for clinical, cytological, or histological laboratory tests.

Assists in developing procedures for processing specimens to ensure the accuracy of the results, proper handling of specimens, and disposal of hazardous materials.

May supervise the work of others.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in clinical, cytotechnological, or histological laboratory work. Graduation from an accredited four-year college or university with major coursework in natural sciences or a related field is generally preferred. Experience and education may be substituted for one another.

### **KNOWLEDGE, SKILLS, AND ABILITIES**

Knowledge of medical technology, cytotechnology, or histological concepts and practices; clinical or histological laboratory and diagnostic cytology methods and procedures; and quality assurance methodologies.

Skill in the use of laboratory equipment, including computerized instruments and laboratory information management systems.

Ability to conduct clinical and cytological laboratory tests and histological procedures, to determine deterioration or change in specimen and reagent quality, to communicate effectively, and to supervise the work of others.

### **REGISTRATION, CERTIFICATION, OR LICENSURE**

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

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