



# Laboratory Technician IV

Salary Group: A17

Class Code: 4148

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
LABORATORY TECHNICIAN I	4142	A11	\$32,332 - \$47,355
LABORATORY TECHNICIAN II	4144	A13	\$35,439 - \$52,388
LABORATORY TECHNICIAN III	4146	A15	\$38,976 - \$58,045
<b>LABORATORY TECHNICIAN IV</b>	<b>4148</b>	<b>A17</b>	<b>\$42,976 - \$64,469</b>

## GENERAL DESCRIPTION

Performs highly advanced (senior-level) laboratory work. Work involves conducting, analyzing, and reporting laboratory testing and research. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Coordinates screening, serological, and chemical analysis tests.

Coordinates the training of laboratory technicians.

Receives and checks in microbiological and chemical samples and specimens.

Prepares and examines smears and stains.

Analyzes the results of tests and experiments to ensure compliance with specifications, and prepares reports.

Inoculates isolation media for pathogenic microorganisms and selects colonies for studies.

Monitors experiments and reports on unusual results and malfunctions.

Performs research computations and reports errors as appropriate.

Develops methods for improving the efficiency of laboratory equipment and procedures.

Designs forms and procedures for the collection and analysis of data.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in laboratory work. Graduation from a standard senior high school or equivalent is generally preferred. Experience and education may be substituted for one another.

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

Knowledge of laboratory techniques and procedures, sterilization principles and techniques, and microbiological and chemical procedures.

Skill in the operation and maintenance of laboratory and research equipment, in performing mathematical computations, and in the use of a computer and applicable software.

Ability to communicate effectively.