



Laboratory Technician IV

Salary Group: A16

Class Code: 4148

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
LABORATORY TECHNICIAN I	4142	A10	\$24,910 - \$36,571
LABORATORY TECHNICIAN II	4144	A12	\$27,840 - \$43,798
LABORATORY TECHNICIAN III	4146	A14	\$31,144 - \$49,134
LABORATORY TECHNICIAN IV	4148	A16	\$34,918 - \$55,130

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, of sterilization principles and techniques, and of 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.