



# Microbiologist III

Salary Group: B20

Class Code: 4223

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
MICROBIOLOGIST I	4221	B16	\$40,918 - \$61,130
MICROBIOLOGIST II	4222	B18	\$45,521 - \$71,055
<b>MICROBIOLOGIST III</b>	<b>4223</b>	<b>B20</b>	<b>\$51,158 - \$81,351</b>
MICROBIOLOGIST IV	4224	B22	\$57,614 - \$93,138
MICROBIOLOGIST V	4225	B24	\$65,104 - \$106,634

## GENERAL DESCRIPTION

Performs highly complex (senior-level) microbiological work. Work involves planning and conducting microscopic and serological examinations; isolating, purifying, and identifying pathogenic microorganisms; and coordinating microbiological laboratory activities. 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

Plans and conducts microbiological and serological examinations.

Coordinates microbiological laboratory activities and the technical training of laboratory staff.

Formulates and adapts methods of examination.

Consults on special examinations and specimen collection.

Oversees the preparation and standardization of methods and materials for testing purposes.

Selects, interprets, and modifies microbiological procedures.

Drafts and evaluates existing procedures, prepares new procedures, and facilitates their application.

Ensures quality control of serological testing.

Assists in determining appropriate specifications for diagnostic reagents and equipment.

May prepare reports of program and examination results.

May supervise the work of others.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in microbiological work. Graduation from an accredited four-year college or university with major coursework in microbiology or a related field is generally preferred. Experience and education may be substituted for one another.

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

Knowledge of microbiological principles and techniques.

Skill in the operation of microbiological laboratory equipment and in the use of a computer and applicable software.

Ability to conduct microbiological tests, to prepare diagnostic reagents, to develop procedures, to communicate effectively, and to supervise the work of others.