



# Microbiologist I

Salary Group: B16  
Class Code: 4221

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
MICROBIOLOGIST I	4221	B16	\$37,918 - \$58,130
MICROBIOLOGIST II	4222	B18	\$42,521 - \$67,671
MICROBIOLOGIST III	4223	B20	\$48,158 - \$77,477
MICROBIOLOGIST IV	4224	B22	\$54,614 - \$88,703
MICROBIOLOGIST V	4225	B24	\$62,004 - \$101,556

## GENERAL DESCRIPTION

Performs routine (journey-level) microbiological work. Work involves conducting microscopic and serological examinations; preparing and examining tissue and culture smears; and isolating, purifying, and identifying pathogenic microorganisms. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Conducts microbiological and serological examinations.

Conducts laboratory procedures.

Collects and controls specimens for analysis.

Isolates and identifies bacteria, viruses, and parasites.

Prepares and inoculates necessary media.

Prepares and standardizes diagnostic antisera, conjugates, and reagents for use in diagnostic procedures.

Maintains records.

May assist in processing orders and specifications for laboratory supplies.

Performs related work as assigned.

## GENERAL QUALIFICATION GUIDELINES

### EXPERIENCE AND EDUCATION

Experience in microbiology 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, and to communicate effectively.