



Microbiologist I

Salary Group: B15
Class Code: 4221

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
MICROBIOLOGIST I	4221	B15	\$32,976 - \$52,045
MICROBIOLOGIST II	4222	B17	\$36,976 - \$58,399
MICROBIOLOGIST III	4223	B19	\$42,244 - \$68,960
MICROBIOLOGIST IV	4224	B21	\$48,278 - \$78,953
MICROBIOLOGIST V	4225	B23	\$55,184 - \$90,393

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.