



Molecular Biologist II

Salary Group: B18
Class Code: 4214

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
MOLECULAR BIOLOGIST I	4212	B16	\$34,918 - \$55,130
MOLECULAR BIOLOGIST II	4214	B18	\$39,521 - \$64,449
MOLECULAR BIOLOGIST III	4216	B20	\$45,158 - \$73,788
MOLECULAR BIOLOGIST IV	4218	B22	\$51,614 - \$84,479
MOLECULAR BIOLOGIST V	4220	B24	\$59,004 - \$96,720

GENERAL DESCRIPTION

Performs moderately complex (journey-level) molecular biology work. Work involves conducting nucleic acid analyses and testing of materials, reagents, and clinical/non-clinical specimens; conducting research studies; and preparing technical reports. May provide guidance to others. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Conducts analysis of specimens using advanced molecular techniques for the diagnosis and/or detection of bacteria, viruses, parasites, and/or genetic characteristics.

Prepares test solutions, standards, controls, and reagents for advanced molecular genetic procedures.

Verifies and interprets molecular biology test results.

Maintains, calibrates, and/or sterilizes laboratory equipment.

Conducts research and quality control tests on reagents and materials.

Assists with preparing technical reports and research papers.

Assists in the development and implementation of molecular genetic laboratory procedures, safety guidelines, or guidelines for laboratory assessments and/or accreditation.

May interpret molecular biology laboratory and analytical results for use in regulatory determination decisions.

May provide guidance to others.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

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

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of the multidisciplinary principles and advanced techniques of biology, molecular biology, immunology, genetics, chemistry, physics, math, and statistics; of unidirectional workflow and aseptic techniques to reduce the potential for contamination; and of emerging molecular technologies.

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

Ability to conduct advanced molecular analyses and tests, to interpret molecular biology test results, to communicate effectively, and to provide guidance to others.