

## MICROBIOLOGIST I

NATURE OF WORK IN THIS CLASS:

This is routine professional microbiologic laboratory work.

Employees in this class perform routine professional laboratory duties independently after initial training and work under closer supervision or a variety of more complex development assignments.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed).

Assists in performing standard routine microbiologic and similar laboratory tests, using basic laboratory equipment on various specimens in order to establish the presence and identification of infectious disease agents.

Assists in preparing specimens of water, blood, body fluids, or other materials for examination by culture or other standard laboratory diagnostic techniques.

Assists in preparing and checking specimens, solutions, reagents, and other materials necessary for conducting tests.

Prepares and stains slides for microscopic study; makes cultures of microorganisms for study and identification.

Maintains records and prepares reports of findings of Laboratory tests.

May participate in investigation and laboratory research work.

May assist in training less experienced laboratory workers.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of microbiology, general biological science, and related phase of chemistry and physics.

Knowledge of standard laboratory methods, procedures and equipment.

Ability to perform a variety of standard microbiologic and laboratory analyses and tests.

Ability to apply microbiologic and biologic principles and practices to problems in laboratory work and arrive at workable solutions.

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Ability to apply and enforce safe work practices.

Skill in the use of laboratory equipment.

MINIMUM EXPERIENCE AND TRAINING:

Graduation from a recognized college or university with a Bachelor's degree in microbiology, biology or related field.

ESTABLISHED: JULY, 1980

  
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DAVID R. FLORES, Executive Director  
Civil Service Commission