

## BACTERIOLOGIST SUPERVISOR 1

### KIND OF WORK

Advanced professional bacteriological work.

### NATURE AND PURPOSE

An employee in this class will have advanced professional and supervisory bacteriology work. The employee aids in directing the work of bacteriologists, medical laboratory assistants and laboratory technicians. The work includes direction of bacteriological examinations of specimens in the isolation and identification of pathogenic organisms or the serological examination of blood for the detection of antibodies associated with venereal diseases, febrile diseases, mycotic diseases, parasitic diseases, or may direct the work of virologists in the identification of viruses in pathological material as well as the detection of antibodies in blood from persons suspected of illness from viral diseases. Supervision is received from the section chief concerned following mutual review of reports and conferences on work plans. The employee assumes the duties of the section chief in his absence.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Directs the work in routine testing for venereal diseases, febrile diseases, mycotic diseases, bacterial diseases, parasitic diseases, viral diseases, and rickettsial diseases.

Under direction of Chief of Section investigates new diagnostic procedures and performs research in developing improvement over existing test procedures.

Directs and participates in the preparation and standardization of reagents, media, antigens and antisera for use in the respective laboratories.

Visits laboratories, investigates their procedures, advises on techniques, materials and equipment and assists laboratories in instituting improved methods.

Participates in and directs bacteriologists and chemists in the implementation of proficiency testing programs.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED (Those asterisked are also essential at entry and are to be used in development of selection criteria.)

Knowledge of:

\*Thorough knowledge of the principals and techniques of the area assigned in bacteriology, serology, virology, cytogenetics or clinical chemistry.

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\*Thorough knowledge of the sources of general literature in the fields of bacteriology, serology, virology, cytogenetics, or clinical chemistry.

Ability to:

\*Ability to plan, assign and supervise the work of bacteriologists and others engaged in microbiology and related work.

\*Ability to prepare comprehensive work reports and to interpret test results.

\*Ability to evaluate laboratory practices and to make constructive recommendations for the improvement of procedures, methods, facilities, and equipment.

Est.: 4/10/40

Rev.: 6/28/62, 11/22/71, 5/78

T.C.: 7/05/67, 3/89

Former Title(s): Bacteriologist III  
Bacteriologist, Senior