

BACTERIOLOGIST 2

KIND OF WORK

Advanced level professional bacteriological work.

NATURE AND PURPOSE

An employee in this class performs the more difficult professional work in the laboratory specialties of bacteriology, serology, parasitology, mycology and virology. In addition, employees in this class supervise the work of lower level bacteriologists.

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

Leads and performs routine testing for infections and chronic diseases of bacterial, fungal, parasitological, rickettsial and viral etiology.

Performs more difficult analyses of meat, food, and dairy products for presence of food borne disease organisms indicative of food quality and sanitation problems.

Performs the more difficult laboratory procedures; assists in the development and evaluation of new laboratory methodology; and, under direction, conducts investigative and applied research.

Conducts and assist in conducting pathological examinations, investigations, and studies of fish and wildlife and elements of their environment to present and control wildlife disease.

Leads and participates in the preparation and standardization of reagents and other materials for routine and special laboratory procedures.

Leads and participates in the recording and reporting of routine laboratory analyses.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Considerable knowledge of the principles and practices of bacteriology, serology, parasitology, mycology or virology.

Considerable knowledge of the sources of clinical and other specimens, and the ability to correlate such knowledge with the performance of laboratory procedures.

Considerable knowledge concerning the use and standardization of complex and sophisticated laboratory equipment.

Ability to:

Plan, assign and supervise the work of professional and technical methods and procedures.

Understand and follow oral and written directions, formulae and charts.

Est.: 5/7/74
Rev.: Ckd. 8/92

T.C.: 4/89
Former Title(s): Bacteriologist,
Intermediate