

Laboratory Technician

I. KIND AND LEVEL OF WORK

Para-professional microbiological, clinical, diagnostic, chemical, physical, or environmental analysis work.

II. DISTINGUISHING CHARACTERISTICS

Under general supervision, conducts a variety of routine laboratory examinations in accordance with accepted scientific principles and practices, and accurately reports examination results. Assists laboratory scientists with warehouse duties such as assembling and dispensing chemical preservatives into sample collection kits, non-routine examinations, and sample disposal. Collects samples for examination, prepares and logs samples for in-house or offsite examination, and maintains inventories. Regularly follows standard operating procedures with work closely monitored by a laboratory scientist or supervisor.

III. EXAMPLES OF WORK/DUTIES

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

- Prepares, extracts, collects, or receives routine samples/specimen;
- Dispenses preservatives;
- Performs electrocardiogram (ECG/EKG) tests;
- Processes samples for in-house or offsite evaluation;
- Assembles sample collection kits;
- Stocks or reshelves laboratory supplies;
- Performs clinical laboratory testing for patients in state custody;
- Logs examination results into laboratory systems;
- Washes glassware;
- Performs routine clinical testing;
- Interprets and reports examination results and critical values;
- Performs quality control reviews; and
- Executes instrumentation preventive maintenance and troubleshooting.

IV. KNOWLEDGE, SKILLS, AND ABILITIES

- Fundamental knowledge of chemistry, microbiology, clinical, phlebotomy, newborn screening, or environmental analysis testing methodologies;
- Knowledge of standard laboratory safety procedures, chemical terminology, and safety data sheets sufficient to safely engage in laboratory operations and minimize the potential for injury;
- Oral and written communications skills sufficient to work in a team-oriented environment;
- Ability to move, transport, remove, and package items up to twenty-five (25) pounds;

- Ability to apply basic quantitative research methodologies;
- Ability to operate troubleshoot standard scientific instruments;

LICENSURE/CERTIFICATION/STATUTORY REFERENCES

Some positions may require licensure or certification as warranted.

SPECIAL WORK CONDITIONS

REFERENCES

None

REVISION HISTORY

Established: 12/2023