



Medical Laboratory Technician Background

Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.



Typical Activities

- **Conduct chemical analyses of body fluids**, such as **blood or urine**, using **microscope or automatic analyzer** to detect abnormalities or diseases and **enter findings into computer**.
- **Analyze the results** of tests or experiments to ensure conformity to specifications, using special mechanical or electrical devices.
- **Set up, maintain, calibrate, clean, and test sterility** of medical laboratory equipment.
- **Prepare standard volumetric solutions or reagents** to be combined with samples, **following standardized formulas or experimental procedures**.
- **Collect blood or tissue samples from patients**, observing principles of asepsis to obtain blood sample.

Education Required

Most have a 2 year bachelor's degree but most are currently trained in **2 year AAS degree** now

Pay

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| <ul style="list-style-type: none"> • US Wage = unable to determine on onetonline.org • National Job Growth = 10% to 14% | <ul style="list-style-type: none"> • NYS Wage = unable to determine on onetonline.org • NYS Job Growth = + 19% |
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Interests

- **Realistic** — Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.
- **Investigative** — Investigative occupations frequently involve working with ideas, and require an extensive amount of thinking. These occupations can involve searching for facts and figuring out problems mentally.
- **Conventional** — Conventional occupations frequently involve following set procedures and routines. These occupations can include working with data and details more than with ideas. Usually there is a clear line of authority to follow.
- **Social** — Social occupations frequently involve working with, communicating with, and teaching people. These occupations often involve helping or providing service to others.

Sample Job Titles

Certified Clinical Laboratory Technician, Clinical Laboratory Scientist, Clinical Laboratory Technician (Clinical Lab Technician), Laboratory Assistant (Lab Assistant), Laboratory Supervisor, Laboratory Technician, Medical Laboratory Technician (MLT), Medical Laboratory Technicians (Medical Lab Technician), Medical Technician

Career Video: https://youtu.be/QS97tc_7DqQ

All information can be found at www.onetonline.org

Additionally, take the online career interest profiler at <https://www.mynextmove.org/explore/ip>