

Biological technicians help biological and medical scientists conduct laboratory tests and experiments.

DUTIES

Biological technicians typically do the following:

- Set up, maintain, and clean laboratory instruments and equipment, such as microscopes, scales, and test tubes
- Gather and prepare samples of substances, such as blood, food, or bacteria cultures, for laboratory analysis
- Conduct biological tests and experiments
- Document their work, including procedures, observations, and results
- Analyze experimental data and interpret results
- Write reports that summarize their findings

Most biological technicians work on teams. Typically, technicians are responsible for doing scientific tests, experiments, and analyses under the supervision of biologists or other scientists who direct and evaluate their work. Biological technicians use traditional laboratory instruments and advanced robotics and automated equipment to conduct experiments. They use specialized computer software to collect, analyze, and model experimental data.

Biological technicians work in many areas of research. They may assist with medical research by helping develop new medicines and treatments used to prevent, treat, or cure diseases.

Biological technicians who work in microbiology, sometimes referred to as laboratory assistants, study living organisms and infectious agents.

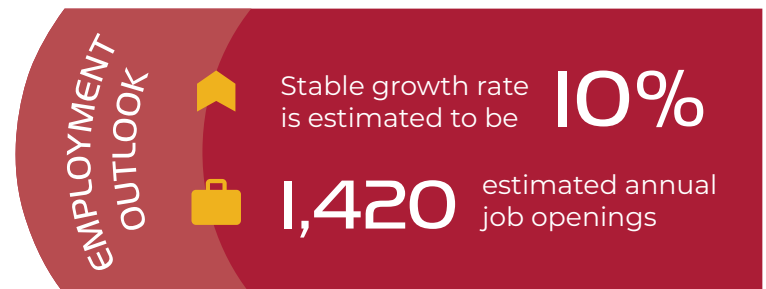
Technicians working in biotechnology apply the knowledge and techniques they have gained from basic research to product development.



SALARY INFORMATION

Location	2018				
	10%	25%	Median	75%	90%
California	\$32,490	\$40,300	\$51,960	\$63,250	\$80,380

*Pay period based on yearly amount.



RELATED OCCUPATIONS

- Biologists
- Zoologists and Wildlife Biologists 🌿
- Agricultural Technicians 🌿
- Biochemists and Biophysicists ☀️
- Environmental Science and Protection Technicians, Including Health 🌿
- Inspectors, Testers, Sorters, Samplers, and Weighers ☀️🌿
- Cytogenetic Technologists ☀️
- Bioinformatics Technicians ☀️
- Forest and Conservation Technicians 🌿
- Occupational Health and Safety Technicians 🌿
- Soil and Plant Scientists 🌿
- Biomedical Engineers ☀️

