

SECOND EDITION

BIOCHEMISTRY LABORATORY

MODERN THEORY AND TECHNIQUES

RODNEY BOYER

Your indispensable resource for the
biochemistry and molecular biology lab!

This exciting, updated text focuses on detailed descriptions of modern techniques in experimental biochemistry and molecular biology, and discusses the theory behind these techniques. The extensive range of techniques includes use of computers, chromatography, electrophoresis, spectroscopy, measurements of ligand-binding interactions, and recombinant DNA techniques such as molecular cloning and PCR.

SPECIAL FEATURES

- In-depth theoretical discussions organized around important techniques.
- An expansive array of modern biochemical techniques including bioinformatics Web sites.
- Numerous study problems for students to check their understanding of topics.
- Unique organization that accommodates various requirements of the laboratory course and allows students to reference detailed theory sections for clarification during labs.
- A Companion Website that provides a tutorial on how to teach a biochemistry lab and a continuously updated list of proven and published experiments.

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