Experimental Biochemistry: A Student Companion, 1/e
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About the Book
Experimental Biochemistry: A Student Companion is a purpose-oriented, practical laboratory manual for students pursuing biochemistry as a subject module at various universities. This book presents a concise account of biochemical experiments based on a concept-oriented approach. An important intent in designing this book is to fortify the students' ability to perform an experiment in the laboratory. The coverage of the subject area includes complete experimental procedures and workouts in the qualitative & quantitative biochemical analysis, enzymology, biochemical separation techniques, biochemical preparations, clinical biochemistry, immunoanalytical techniques and food biochemistry. Due emphasis has been given to laboratory safety & hygiene. This book will be of interest to a wide audience ranging from students & instructors to researchers in the field.

Salient Features
- Covers a wide variety of experiments in the area of qualitative & quantitative biochemistry, enzymology, biochemical techniques & preparations, clinical biochemistry, immunochemical methods and food biochemistry.
- Each experiment lays the theoretical considerations followed by methodological aspects, and its application as a practical workout.
- A detailed appendix is provided for the easy reference of the instructors and the students.

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About the Author
Beedu Sashidhar Rao: Beedu Sashidhar Rao received his Master’s degree in Biochemistry from the University of Hyderabad in 1981 and Ph.D. from Osmania University, Hyderabad, pursing doctoral research work at the National Institute of Nutrition, in 1987. He joined the Department of Biochemistry, Osmania University, as a faculty member in 1988. Presently, he is working as an Associate Professor in Biochemistry. During 2002-04, he also served as the coordinator & chairman, BOS, of the forensic Science Unit of the department. He is actively engaged in research and teaching postgraduate students over the past sixteen years. His research interests are in the areas of Food toxicology (Mycotoxins, Alkaloids and Pesticides), Biomarkers and Immunodiagnostics. He has authored several research papers, published in both
Vijay Deshpande: Vijay Deshpande obtained his Master's and doctoral degrees in Biochemistry from Osmania University, Hyderabad. He joined the Department of Biochemistry in 1984 as an Assistant Professor and became Professor in 1998. He also served as Head (1999-2001) and Chairman (2001-2003), BOS in Biochemistry, Department of Biochemistry, Osmania University. In addition to teaching, Prof. Deshpande has thirty years of research experience in the area of protein chemistry (growth hormone, prolactin, thyroglobulin of mammalian origin and ferritins of animal and plant origin). Several research papers authored by him have been published in both national and international journals.