

bioanalytical chemistry

Second Edition

Revised version of
the global bestseller

Reviews of the First Edition:

"The book is well written and easy to read ... It will complement any lecture courses on modern analytical chemistry as it focuses on one of the most topical areas in the field of analysis — that of bioanalysis ... this first edition is an excellent foundation from which to build as the new techniques become accepted. I would highly recommend it to any student (or indeed other scientists) with interest in bioanalysis."

Chemistry World

"It will be useful to chemists interested in bioanalysis who have little experience with biochemistry, and to biologists interested in the range of analytical techniques for studying protein and nucleic acid samples."

Choice

Interdisciplinary knowledge is becoming increasingly important to the modern scientist. This invaluable textbook covers bioanalytical chemistry (mainly the analysis of proteins and DNA) and explains everything for the non-biologist. Electrophoresis, mass spectrometry, biosensors, bioassays, DNA and protein sequencing are not necessarily all included in conventional analytical chemistry textbooks. The book describes the basic principles and the applications of instrumental and molecular methods. It is particularly useful to chemistry and engineering students who already have some basic knowledge about analytical chemistry. This revised second edition contains a new chapter on optical spectroscopy, and updated methods and new references throughout.

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