

- Solution recipes
- Suppliers.

This book would be useful for people working in the fields of biochemistry, molecular biology, biophysics, and for advanced students.

PII: S0960-0760(98)00018-1

Cell and Molecular Biology. D. Rickwood and D. Patel. Essential Data Series, edited by D. Rickwood and B. D. Hames. Published 1995 by John Wiley & Sons, Chichester, UK. 224 pages. ISBN: 0-471-95568-X Price at Jan. 1995: £14.99.

This volume is an invaluable compendium of essential information required by all cell and molecular biologists. As well as providing a wide range of core information needed by all researchers in the biomolecular sciences, it brings together additional selected information of importance from the areas of biochemistry, cell biology, genetics and molecular biology.

The book is divided in to the following sections:

- Buffers and solutions
- Properties of small molecules
- Properties of macromolecules
- Cells and subcellular fractions
- Fractionation and analytical methods
- Numerical data
- Safety

and includes a list of manufacturers and suppliers.

PII: S0960-0760(96)00244-0

Nucleic Acid Hybridization. P. M. Gilmartin. Essential Data Series, edited by D. Rickwood and B. D. Hames. Published 1996 by John Wiley & Sons, Chichester, UK. 135 pages. ISBN: 0-471-95084-X Price at Jan. 1995: £12.99.

This book provides essential information on nucleic acid hybridization, which is central to a range of important techniques in widespread use in molecular biology, but which requires careful optimization in order to generate reliable experimental data. It includes invaluable guidance and key data on, for example, labeling probes, blotting procedures, hybridization conditions and detection system.

The following main topics are covered:

- Equipment, reagents and chemicals
- Electrophoresis of nucleic acids for hybridization analysis