Record Nr. UNINA9911019240103321 Bioanalytical applications of enzymes [[electronic resource] /] / edited **Titolo** by Clarence H. Suelter, Larry Kricka Pubbl/distr/stampa New York, : Wiley, c1992 **ISBN** 1-282-30804-1 9786612308048 0-470-11057-0 0-470-11098-8 Descrizione fisica 1 online resource (279 p.) Collana Methods of biochemical analysis; v. 36 Altri autori (Persone) SuelterClarence H. <1928-> KrickaLarry J. <1947-> Disciplina 543.8 574.1925 Soggetti **Enzymes** Biology - Research - Methodology Biochemistry - Methodology Analytical chemistry - Methodology Immobilized enzymes - Chemistry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico "An Interscience publication." Note generali Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto BIOANALYTICAL APPLICATIONS OF ENZYMES; CONTENTS; Abbreviations; Unique Applications of Immobilized Proteins in Bioanalytical Systems; Fundamentals of Dry Reagent Chemistries: The Role of Enzymes; Enzyme Electrode Biosensors: Theory and Applications: Enzyme-Labeled Probes for Nucleic Acid Hybridization; DNA Restriction Enzymes and RFLPs in Medicine; Advances in Enzymatically Coupled Field Effect Transistors; Enzyme-Labeled Antibodies in Bioassays; Author Index; Subject Index; Cumulative Author Index, Volumes 1-36 and Supplemental Volume Cumulative Subject Index, Volumes 1-36 and Supplemental Volume Details the latest advances in bioanalytical applications using Sommario/riassunto enzymes--techniques that are becoming increasingly important in

analysis, synthesis, manufacturing and medical diagnosis. Consists of

seven articles which cover: enzyme labeled antibodies in bioassays, DNA restriction enzymes and RFLPs in medicine, enzyme-labeled probes for nucleic acid hybridization, unique methodologies of immobilized proteins in bioanalytical systems, dry reagent chemistry fundamentals, the theory and applications of enzyme electrode biosenors, and advances in enzymatically coupled field effect transistors.