1. Record Nr. UNINA9910957262703321

Titolo	DNA technology in forensic science / / Committee on DNA Technology in Forensic Science, Board on Biology, Commission on Life Sciences, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1992
ISBN	9786610203444 9780309185585 0309185580 9781280203442 1280203447 9780309583695 0309583691 9780585002316 0585002312
Edizione	[1st ed.]
Descrizione fisica	1 online resource (198 p.)
Disciplina	614/.1
Soggetti	Forensic genetics DNA fingerprinting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	DNA Technology in Forensic Science -- Copyright -- Preface -- A Statement by the Committee on DNA Technology in Forensic Science -- Contents -- Summary -- TECHNICAL CONSIDERATIONS -- Recommendations -- STATISTICAL BASIS FOR INTERPRETATION -- Recommendations -- STANDARDS -- Recommendations -- DATABANKS AND PRIVACY OF INFORMATION -- Recommendations -- DNA INFORMATION IN THE LEGAL SYSTEM -- Recommendations -- DNA TYPING AND SOCIETY -- Recommendations -- 1 Introduction -- BACKGROUND -- GENETIC BASIS OF DNA TYPING -- STRUCTURE AND FUNCTION OF DNA -- Individual Variation in DNA -- TECHNOLOGICAL BASIS OF DNA TYPING -- Restriction Fragment Length Polymorphisms -- Polymerase Chain Reaction for Amplifying DNA -- POPULATION

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Sommario/riassunto

Matching DNA samples from crime scenes and suspects is rapidly becoming a key source of evidence for use in our justice system. DNA Technology in Forensic Science offers recommendations for resolving crucial questions that are emerging as DNA typing becomes more widespread. The volume addreses key issues: Quality and reliability in DNA typing, including the introduction of new technologies, problems of standardization, and approaches to certification. DNA typing in the courtroom, including issues of population genetics, levels of understanding among judges and juries, and admissibility. Societal issues, such as privacy of DNA data, storage of samples and data, and the rights of defendants to quality testing technology. Combining this original volume with the new update-- The Evaluation of Forensic DNA Evidence --provides the complete, up-to-date picture of this highly important and visible topic. This volume offers important guidance to anyone working with this emerging law enforcement tool: policymakers, specialists in criminal law, forensic scientists, geneticists, researchers, faculty, and students.