



An Introduction to Forensic DNA Analysis, Second Edition

By Norah Rudin, Keith Inman



An Introduction to Forensic DNA Analysis, Second Edition By Norah Rudin, Keith Inman

Significant advances in DNA analysis techniques have surfaced since the 1997 publication of the bestselling *An Introduction to Forensic DNA Analysis*. DNA typing has become increasingly automated and miniaturized. Also, with the advent of Short Tandem Repeat (STR) technology, even the most minute sample of degraded DNA can yield a profile, providing valuable case information. However, just as the judicial system slowly and reluctantly accepted RFLP and AmpliType® PM+DQA1 typing, it is now scrutinizing the admissibility of STRs.

Acknowledging STR typing as the current system of choice, *An Introduction to Forensic DNA Analysis, Second Edition* translates new and established concepts into plain English so that laypeople can gain insight into how DNA analysis works, from sample collection to interpretation of results. In response to the shift toward more efficient techniques, the authors cover the legal admissibility of STR typing, expand the chapter on DNA databases, and revise the section on automated analysis. They also present key decisions and appellate or supreme court rulings that provide precedent at the state and federal levels.

Discussing forensic DNA issues from both a scientific and a legal perspective, the authors of *An Introduction to Forensic DNA Analysis, Second Edition* present the material in a manner understandable by professionals in the legal system, law enforcement, and forensic science. They cover general principles in a clear fashion and include a glossary of terms and other useful appendices for easy reference.

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Editorial Review

Review

About the new edition: "This book, in just a few pages, offers fundamental theory, processes, interpretation, and presentation of DNA evidence in court in an interesting and entertaining way, with illustrative cases liberally sprinkled throughout. An ideal book." - J.A. Siegel, Michigan State University, in CHOICE About the first edition: "This well-illustrated book also contains many interesting casework examples. It is a very useful reference source, not only for forensic biologists, but for anyone interested in acquiring complete and clear information on past, present, and future trends in forensic DNA analysis." -Paul Roussy, RCM Police Central Forensic Laboratory, Ontario, Canada

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Donald Mobley:

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Paula Mayo:

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