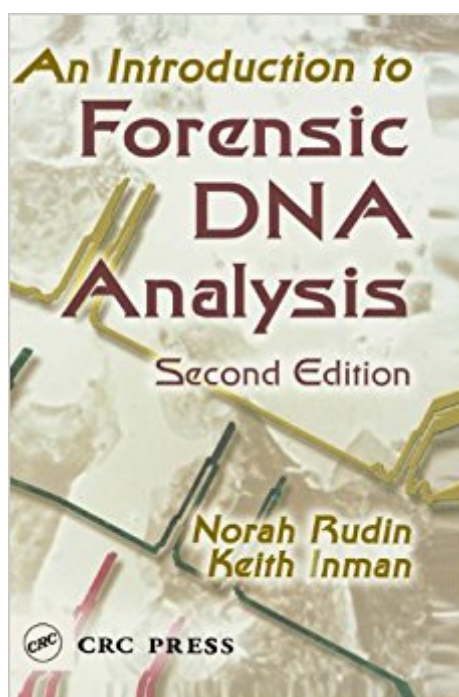


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# An Introduction To Forensic DNA Analysis, Second Edition



## Synopsis

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.

## Book Information

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## Customer Reviews

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

The book came in excellent condition.

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The book arrived in a very timely manner. I will most definitely buy from this seller again if need be.

As a practicing lawyer who earns a living in the criminal courts, I found this book an excellent and informative guide to this often problematic area. The authors introduce the subject in a way that is easy for the beginner to comprehend, but at the same time include sufficient detail to answer many of the most pressing problems facing a defence team in court.

I suppose the most important question is why are you interested in this book. It would make a good textbook for an intro type class in this area or would be good for someone who doesn't know DNA analysis, but is involved in criminalistics. The level of detail is insufficient for anyone who actually understands the molecular approaches. It spends a fair bit of time talking about cases and HOW this particular approach was once useful. These are interesting little stories, but the book really didn't give me what I wanted. I have a background in molecular genetics and was interested in making a career shift to DNA forensics. There was little of value for me because it never really got to the details. I think it would be good for a class because it provides historical perspective on the now

outdated techniques that would be important background for someone who never knew anything about the development of the previous techniques and only learned what is current today, but to someone who has that background...seemed like it just added a new chapter to an otherwise outdated book.

Having left behind my interest in genetics in order to pursue tax accountancy, I've always been fascinated by accounts of DNA typing. This book provides a wonderful introduction that is accessible to even the novice geneticist like myself. Much of the information Rudin and Inman give is quite practical; with some help from a friend who works in a medical lab I was able to set up my own electrophoresis gels and PCR. A word of caution to the amateur, however: make sure you practice before drawing any conclusions from the "evidence." My wife, Amy, wouldn't speak to me for a week after I claimed that a stain on our bed linen did not match my DNA. It turned out that she had spilled some ice cream.

I have a BS in genetics and biochemistry and am looking to enter into a forensics lab. This book is an EXCELLENT resource for an entry-level criminalist, criminal lawyer, or the non-scientist interested in this topic. It was organized from basic genetics to higher-level interpretation issues and included tons of diagrams, pictures, and relevant case studies. This book did an outstanding job explaining complicated and detailed subject matter in an easy to understand and interesting matter.

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