

# Presumptive and Confirmatory Forensic Tests

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Alyson Grine  
Defender Educator  
UNC School of Government  
[agrine@sog.unc.edu](mailto:agrine@sog.unc.edu)

Sarah Rackley  
Forensic Resource Counsel  
Office of Indigent Defense Services  
[Sarah.H.Rackley@nccourts.org](mailto:Sarah.H.Rackley@nccourts.org)

## Outline

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- 1) **Presumptive and confirmatory tests**
  - What is the difference?
  - What do I do if only presumptive tests were done?
  
- 2) **State Crime Laboratory**
  - What tests are used?
    - Serology
    - Drug Chemistry

# Presumptive And Confirmatory Forensic Tests

**JR Anderson**



## **Presumptive And Confirmatory Forensic Tests:**

**Forensic Science** Stuart H. James, Jon J. Nordby, Suzanne Bell, Jon J. Nordby, Ph.D., 2005-02-10 Written by highly respected forensic scientists and legal practitioners Forensic Science An Introduction to Scientific and Investigative Techniques Second Edition covers the latest theories and practices in areas such as DNA testing toxicology chemistry of explosives and arson and vehicle accident reconstruction This second edition offers a cutting edge presentation of criminalistics and related laboratory subjects including many exciting new features What s New in the Second Edition New chapter on forensic entomology New chapter on forensic nursing Simplified DNA chapter More coverage of the chemistry of explosives and ignitable liquids Additional information on crime reconstruction Revised to include more investigation in computer forensics Complete revisions of engineering chapters New appendices showing basic principles of physics math and chemistry in forensic science More questions and answers in the Instructor s Guide Updated references and cases throughout An extensive glossary of terms

**Fundamentals of Forensic DNA Typing** John M. Butler, 2009-09-30 Fundamentals of Forensic DNA Typing is written with a broad viewpoint It examines the methods of current forensic DNA typing focusing on short tandem repeats STRs It encompasses current forensic DNA analysis methods as well as biology technology and genetic interpretation This book reviews the methods of forensic DNA testing used in the first two decades since early 1980 s and it offers perspectives on future trends in this field including new genetic markers and new technologies Furthermore it explains the process of DNA testing from collection of samples through DNA extraction DNA quantitation DNA amplification and statistical interpretation The book also discusses DNA databases which play an important role in law enforcement investigations In addition there is a discussion about ethical concerns in retaining DNA profiles and the issues involved when people use a database to search for close relatives Students of forensic DNA analysis forensic scientists and members of the law enforcement and legal professions who want to know more about STR typing will find this book invaluable Includes a glossary with over 400 terms for quick reference of unfamiliar terms as well as an acronym guide to decipher the DNA dialect Continues in the style of Forensic DNA Typing 2e with high profile cases addressed in DNA Boxes Data Notes Applications sections throughout Ancillaries include instructor manual Web site with tailored set of 1000 PowerPoint slides including figures links to online training websites and a test bank with key

*The Forensic Laboratory Handbook* Ashraf Mozayani, Carla Noziglia, 2007-11-08 A comprehensive and easy to read introduction to the work of the modern forensic laboratory The authors explain in simple language the capabilities and limitations of modern forensic laboratory procedures techniques analyses and interpretations Here the interested reader will find an understandable and fascinating introduction to the complex worlds of forensic serology DNA chemistry crime reconstruction digital evidence explosives arson fingerprints firearms tool marks odontology and pathology Additional chapters address the problems of assuring quality and seeking trace evidence in the forensic laboratory

**Advanced Topics in Forensic DNA Typing:**

**Methodology** John M. Butler,2011-07-21 John M Butler *Biochemical Analysis Tools* Oana-Maria Boldura,Cornel Balta,Prof Nasser Awwad,2020-06-24 This book explores the role of nucleic acid analysis and the advances it has led to in the field of life sciences The first section is a collection of chapters covering experimental methods used in molecular biology the techniques adjacent to these methods and the steps of analysis before and after obtaining raw DNA data The second section deals with the principles of chromatography method development sample preparation and industrial applications

**Forensic Science E-Magazine** Archana Singh,2022-02-22 Learning should never stop and with each other s cooperation we can share knowledge to anyone and everyone That is why Forensicfield blog is releasing a series of magazines on forensic science the first of which is available This is free of charge This magazine offers articles authored by a variety of expert individuals as well as quizzes and games *Forensic Science Handbook* Richard Saferstein,2002 The second in a three volume series this popular and widely circulated professional handbook describes the theories and practices of today s criminalistics and covers a wide range of subject areas relevant to the services rendered by crime laboratories and related facilities Presents authoritative reviews from recognized forensic criminologists and forensic scientists well versed in their chosen areas of expertise Considers a specific examination technique for a wide range of evidence prevalent in the modern crime laboratory e g DNA hair paint soil glass petroleum products explosives alcohol in blood and breath and questioned documents Describes the theory operation and forensic utilization of such modern analytical instruments as mass spectrometry capillary electrophoresis high performance liquid chromatography and the visible microspectrophotometer Emphasizes the symbiotic relationship between forensic science and criminal law as it examines the role and conduct of the expert witness rules of evidence and the legal requirements governing the admissibility of scientifically evaluated evidence For professionals in forensic science and criminology **Encyclopedia of Forensic**

**Science** Suzanne Bell,2008 Presents an alphabetical encyclopedia of the forensic science principles used in investigating crime scenes and suspects **Forensics Demystified** David Fisher,Barry Fisher,Jason Kolowski,2006-08-28 There s no

easier faster or more practical way to learn the really tough subjects Forensics Demystified explains forensic science in a logical progression from evidence collection through analysis and finally to the scientist actually testifying in court This self teaching guide comes complete with key points background information quizzes at the end of each chapter and even a final exam Simple enough for beginners but challenging enough for advanced students this is a lively and entertaining brush up introductory text or classroom supplement **Scientific and Expert Evidence** Edward J. Imwinkelried,1981 World of

Forensic Science K. Lee Lerner,Brenda Wilmoth Lerner,2005-08-26 Portrays the vast scope and influence of forensic sciences Contains articles dedicated to providing insight into the science applications and importance of forensics **Final Report**

California. Civil Grand Jury (Santa Clara County),2001 Callaghan's Official Wisconsin Reports Wisconsin. Supreme Court,2005 **Encyclopedia of Forensic and Legal Medicine** Jason Payne-James,2005 *Lecture Notes on Forensic*

*Medicine* David John Gee,1975      Canadian Society of Forensic Science journal ,2002      *Progress in Forensic Genetics*  
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read at the Academy s annual meeting previously published separately as Proceedings of the American Academy of Forensic  
Sciences      *Testing for Drug Use in the American Workplace* ,1987      *Forensic Science Review* ,2001

## The Enigmatic Realm of **Presumptive And Confirmatory Forensic Tests**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Presumptive And Confirmatory Forensic Tests** a literary masterpiece penned by a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of people who partake in its reading experience.

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web may 8 2020 the american association of state highway and transportation officials recently released the 9th edition of its lrfd bridge design specifications guide which employs the load and resistance factor design or lrfd methodology in the design evaluation and rehabilitation of bridges

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web feb 3 2020 the aashto lrfd guide specifications for the design of pedestrian bridges is the only code that contains comprehensive coverage of pedestrian bridges others contain bits and pieces such as design loading values but few other requirements

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web the american association of state highway and transportation officials aashto lrfd guide specifications for the design of pedestrian bridges aashto pedestrian bridge guide addresses these design aspects unique to pedestrian structures

*revisiting wind loads on pedestrian bridges structure mag* - Jan 08 2023

web in pedestrian bridge design aashto lrfd stipulates that the design wind load for a chain link or metal fabric fence shall be 15 pounds per square foot applied to the full fence height this clause from aashto lrfd is not in the aashto pedestrian bridge guide nor aashto signs calculating wind load on fences or rail

bridge design criteria federal highway administration - Mar 10 2023

web sep 2 2005 aashto lrfd guide specifications for the design of pedestrian bridges american association of state highway and transportation officials aashto 1st edition customary u s units 2009 with current interim revisions

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web general aashto has issued interim revisions to aashto lrfd guide specification for the design of pedestrian bridges 2009 this packet contains the revised pages affected articles underlined text indicates revisions that were approved in 2014 by the aashto highways subcommittee on bridges and structures strikethrough text indicates any

