



B94 The Mother of All DNA Contracts - 16,000 Sexual Assault Kits and Counting (Part II)

Marie Samples, MS, Robert C. Shaler, PhD, and Howard J. Baum, PhD, New York City Office of Chief Medical Examiner, Department of Forensic Biology, 520 First Avenue, New York, NY 10016; Karen Dooling, MS, Nassau County Medical Examiner's Office, 2251 Hempstead Turnpike, Building R, East Meadow, NY 11554*

After attending this presentation, attendees will learn about the statistical information associated with a very large casework DNA contract.

This presentation will impact the forensic community by showing some of the types of statistics collected during the project, others in a similar situation may be able to use some of the information to develop their own outsourcing projects.

This presentation will describe the data generated during a large outsourcing contract. This data includes information about the analysis of sexual assault kits, such as the percentage of sexual assault kits that were "positive" for semen and/or male DNA, what sample types were positive (vaginal swabs, anal swabs, etc.), and how often mixtures were encountered. Data will also be presented about the percentage of DNA profiles generated from the cases, the percentage of DNA profiles that were SDIS and NDIS eligible (the number of loci callable), and reasons why some cases failed to yield CODIS eligible DNA profiles.

Information will also be presented about the "investigations aided" (hits) generated as a result of the DNA profiles generated at the local, state, and national levels: case-to-case matches, convicted offender matches, and conviction matches.

Part I of this presentation is an oral presentation which will present experiences gained during the course of the contract, as well as some interesting outcomes of the project such as the identification of sexual assault patterns and the exculpation of an erroneously convicted man.

DNA, Sexual Assault Kits, Outsourcing