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| 1. Record Nr. | UNICAMPANIASUN0056675 |
| Titolo | 4: Temi, luoghi, eroi / a cura di Franco Moretti |
| Pubbl/distr/stampa | Torino : Einaudi, 2003 |
| ISBN | 88-06-15293-9 |
| Descrizione fisica | XIV, 865 p., [15] p. di tav. : ill. ; 22 cm. |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910164076103321 |
| Autore | Hindenburg Paul von <1847-1934, > |
| Titolo | Out of my life . Volume II / / Field-Marshal Paul von Hindenburg |
| Pubbl/distr/stampa | [Place of publication not identified] : , : Pickle Partners Publishing, ,
2013
©1923 |
| ISBN | 1-78289-087-4 |
| Descrizione fisica | 1 online resource (136 pages) |
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| Formato | Materiale a stampa |
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3. Record Nr.	UNINA9910790326703321
Autore	Elkins Kelly M
Titolo	Forensic DNA biology [[electronic resource]] : a laboratory manual / / Kelly M. Elkins
Pubbl/distr/stampa	Oxford, : Elsevier, 2012, c2013
ISBN	1-283-57266-4 9786613885111 0-12-394833-9
Descrizione fisica	1 online resource (225 p.)
Disciplina	572.86 614.1
Soggetti	Forensic genetics - Technique DNA fingerprinting Polymerase chain reaction DNA Fingerprinting Forensic Genetics - methods Polymerase Chain Reaction Sequence Analysis, DNA - methods
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Front Cover; Forensic DNA Biology: A Laboratory Manual; Copyright; Contents; Acknowledgements; About the Author; Welcome; Forensic DNA Biology: An Introduction; BIOLOGY OVERVIEW; RESTRICTION FRAGMENT LENGTH POLYMORPHISMS; POLYMERASE CHAIN REACTION; SHORT TANDEM REPEATS; SINGLE NUCLEOTIDE POLYMORPHISMS; MITOCHONDRIAL DNA; KNOWN VERSUS QUESTIONED SAMPLES; WHY STUDY FORENSIC DNA BIOLOGY?; Laboratory Safety; RULES FOR A SAFE LAB ENVIRONMENT; Reference; Avoiding Contamination Issues: Standard Laboratory Practices; Reference; Chapter 1 - Pipetting; OBJECTIVE; SAFETY; MATERIALS; BACKGROUND PROCEDUREQUESTIONS; GRAPHING THE DATA USING MICROSOFT EXCEL (2003); EQUATIONS; References; Chapter 2 - Serology; OBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE; QUESTIONS; References; Chapter 3 - Sampling Biological Evidence for DNA

Extraction; OBJECTIVE; SAFETY; MATERIALS; BACKGROUND;
PROCEDURE: DNA COLLECTION AND PACKAGING; QUESTIONS;
References; Chapter 4 - DNA Extraction; OBJECTIVE; SAFETY;
MATERIALS; RECIPES FOR BUFFER AND SOLUTION PREPARATION;
BACKGROUND; PROCEDURE; QUESTION; References; Chapter 5 -
Determination of Quality and Quantity of DNA Using Agarose Gel
Electrophoresis
OBJECTIVESAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTIONS; Reference; Chapter 6 - Determination of DNA Quality and
Quantity Using UV-Vis Spectroscopy; OBJECTIVE; SAFETY; MATERIALS;
BACKGROUND; PROCEDURE; QUESTIONS; References; Chapter 7 -
Determination of DNA Quantity by Fluorescence Spectroscopy;
OBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTIONS; References; Chapter 8 - Real-Time Polymerase Chain
Reaction (PCR) Quantitation of DNA; OBJECTIVE; SAFETY; MATERIALS;
BACKGROUND; PROCEDURE; QUESTIONS; References
Chapter 9 - Multiplex Polymerase Chain Reaction (PCR) Primer Design
(in Silico)OBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTIONS; References; Chapter 10 - Testing Designed Polymerase
Chain Reaction (PCR) Primers in Multiplex Reactions; OBJECTIVE;
SAFETY; MATERIALS; BACKGROUND; PROCEDURE; QUESTIONS;
References; Chapter 11 - Multiplex Polymerase Chain Reaction (PCR)
Amplification of Short Tandem Repeat (STR) Loci Using a Commercial
Kit; OBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTIONS; References
Chapter 12 - Capillary Electrophoresis of Short Tandem Repeat (STR)
Polymerase Chain Reaction (PCR) Products from a Commercial Multiplex
KitOBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTION; References; Chapter 13 - Computing Random Match
Probability from DNA Profile Data Using Population Databases;
OBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTIONS; References; Chapter 14 - Mitochondrial Deoxyribonucleic
Acid (mtDNA) Single Nucleotide Polymorphism (SNP) Detection;
OBJECTIVE; SAFETY; MATERIALS; BACKGROUND; PROCEDURE;
QUESTIONS; References
Chapter 15 - Analysis of Deoxyribonucleic Acid (DNA) Sequence Data
Using BioEdit

Sommario/riassunto

DNA typing has revolutionized criminal investigations and has become a powerful tool in the identification of individuals in criminal and paternity cases. Forensic DNA Biology: A Laboratory Manual is comprised of up-to-date and practical experiments and step-by-step instructions on how to perform DNA analysis, including pipetting, microscopy and hair analysis, presumptive testing of body fluids and human DNA typing. Modern DNA typing techniques are provided, reflecting real life, where not all institutions and crime labs can afford the same equipment and software. Real case studies w
