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Product Name :

DNA Fingerprinting Electrophoresis Lab
Activity

Product Code :

SLE/CH/119



Description :

DNA fingerprinting is one of the strongest forms of evidence in forensic investigations. In this activity students will perform agarose gel electrophoresis on four DNA samples to determine if DNA from suspects matches that of DNA found at a crime scene. The kit contains enough materials for 8 groups and includes a Teacher's Guide and Student Study copymasters. Students will also learn about restriction enzymes and the importance of these enzymes in the DNA fingerprinting process.

Kit Includes:

- 10 µg Crime Scene DNA
- 10 µg Victim DNA
- 10 µg Suspect #1 DNA
- 10 µg Suspect #2 DNA
- 200 mL Prepared Agarose 0.8% Solution
- 500 mL Tris-Borate-EDTA Buffer 5X
- 60 mL DNA Stain

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