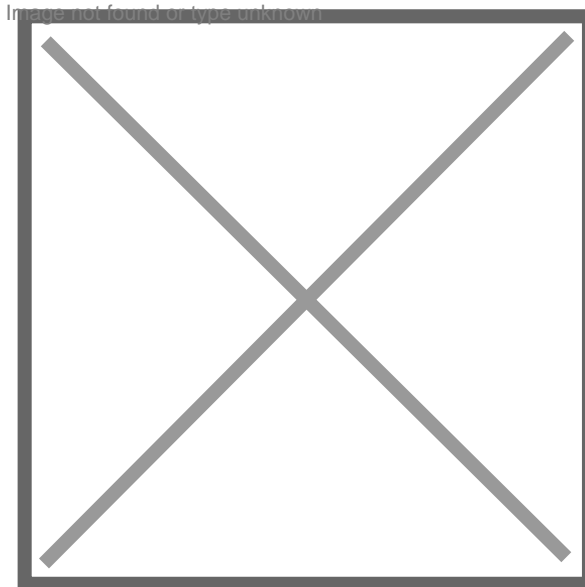




**Product Name :**DNA Fingerprinting Electrophoresis Lab  
Activity**Product Code :**

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 ?g Crime Scene DNA  
10 ?g Victim DNA  
10 ?g Suspect #1 DNA  
10 ?g 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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