



Description

Using a simplified DNA fingerprinting procedure, they'll then solve the crime based upon the fragment patterns revealed on the gel.

In the process they'll learn the basic concepts of DNA fingerprinting as well as insight into why this revolutionary process is so accurate.


Your students will become forensic scientists as they apply the latest innovations in DNA technology to a scenario-based DNA murder mystery.


They'll compare the electrophoretic results of DNA samples from a 'crime scene' with those from various suspects.

They'll also get a 'hands-on' education on DNA structure and extraction, gel electrophoresis and autoradiography.

This activity brings the 'real-world' applications of biotechnology to life and will simulate discussion on the ethical considerations associated with the use of cutting-edge technology. Contains materials for up to 40 students.

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