1. PV92 PCR Informatics Kit

With the PV92 PCR informatics kit, students extract DNA from their hair follicles or cheek cells, and then use PCR amplification and electrophoresis to fingerprint their own DNA at a specific genetic locus. Using their own results, students test the Hardy-Weinberg equilibrium theory within their classroom population, then go online to compare their classroom results to genetic data of populations worldwide.

- Introduces PCR and applies it to population genetics
- Directly measure human diversity at the molecular level
- Fast results - after PCR, separate the fragments in as little as 10 minutes
- Finish all activities in three 45 minute class periods
- Consumable refill kit contains: PCR primers, positive controls, orange G loading dye, DNA molecular mass ruler, PCR master mix, buffer, DNA polymerase - for educational use only

Code	Description	Pack	Price
ELE1424	PV92 PCR informatics kit	Each	**£285.55**
ELE1426	PV92 PCR kit TS refill pack	Each	**£161.15**

2. Bio-Rad Crime Scene Investigator PCR Basics Kit

This kit allows students to simulate DNA profiling as it is commonly used in forensic laboratories. The laboratory activity introduces the concepts of PCR, which is widely used in forensics, diagnostics, and archaeological procedures. It is performed without the need for complex genomic DNA extraction steps.

With this kit, students:

- Perform real-world DNA profiling
- Use PCR to amplify multiple DNA samples
- Use agarose gel electrophoresis to visualise results
- Use fast PCR (55 minutes) and fast DNA gel (10 minutes) protocols
- Complete all activities in two 45 minute sessions
- Consumable refill kit contains: PCR master mix, primers, crime scene and suspect DNA samples, and more - for educational use only

Code	Description	Pack	Price
ELE1428	Crime scene investigator PCR basics kit	Each	**£162.73**
ELE1430	Crime scene investigator PCR basics refill kit	Each	**£146.92**

1 BIO-RAD



2 BIO-RAD

