

BIOTECHNOLOGY

Review Activity 1 in the lab and answer the following questions:

What is meant by a "DNA Fingerprint"?

What is a restriction enzyme?

How is it possible that the same restriction enzyme can cut DNA from two people and make different size pieces?

By what process are RFLP's (Restriction Fragment Length Polymorphisms) separated to create the unique pattern or fingerprint?

Review Activity 2 in the lab and answer the following questions:

What is meant by "Recombinant DNA"?

What does the process of gel electrophoresis do and how does it work?