

What is the first step in the creation of a human DNA fingerprint?

- A gel electrophoresis of the human DNA
- B cutting the human DNA with restriction enzymes
- C reverse transcription of human RNA
- D inserting the human DNA into a plasmid

To create a DNA fingerprint, DNA from some biologic sample is cut with restriction enzymes. Gel electrophoresis is then used to separate restriction fragments from one another according to length.

Answer **B**.