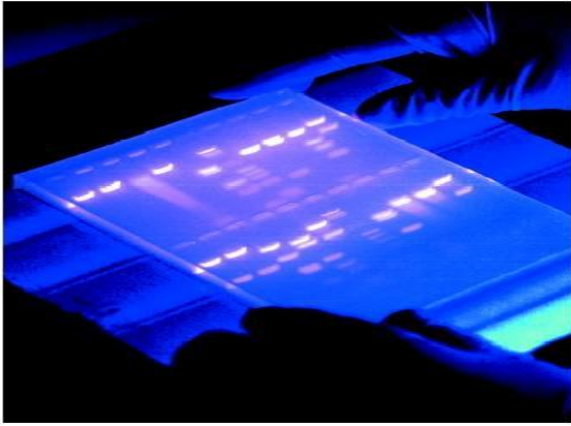
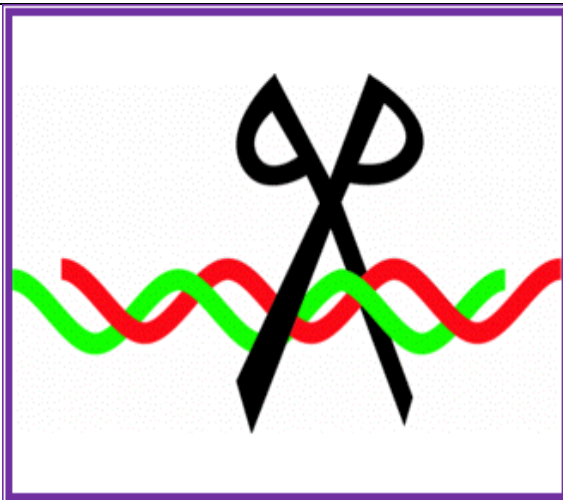


EXPLORE DNA TOOLS CARD SORT - ADVANCED



gel electrophoresis

a laboratory method used to separate mixtures of DNA, RNA, or proteins according to molecular size. The molecules to be separated are pushed by an electrical field through a gel that contains small pores.



having the property of cleaving DNA molecules at or near a specific sequence of bases.

restriction enzymes

<p>a location in a genome where a short nucleotide sequence is organized as a repeat. These can be found on many chromosomes, and often show variations in length between individuals</p>	<p>variable number of tandem repeats (VNTRs)</p>
<p>a technique used in molecular biology to amplify a single copy or a few copies of a piece of DNA across several orders of magnitude, generating thousands to millions of copies of a particular DNA sequence.</p>	<p>polymerase chain reaction</p>

<ul style="list-style-type: none">• Saliva• Blood• Hair Follicles• Skin	DNA sources
<p>A technique using X- ray film to visualize molecules or fragments of molecules that have been radioactively labeled.</p>	autoradiograph
<ul style="list-style-type: none">• Urine Alone• Finger and Toenails• Cut Hair• Sweat Alone	Non-DNA Sources