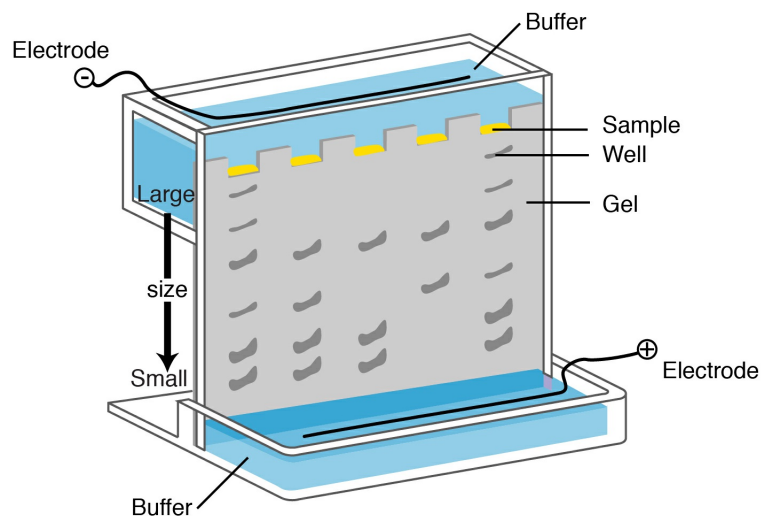


Electrophoresis

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). *Electrophoresis*.



Electrophoresis is a laboratory technique used to separate DNA, RNA, or protein molecules based on their size and electrical charge. An electric current is used to move molecules to be separated through a gel. Pores in the gel work like a sieve, allowing smaller molecules to move faster than larger molecules. The conditions used during electrophoresis can be adjusted to separate molecules in a desired size range.