

An electric field is the physical field that surrounds electrically charged particles and exerts force on all other charged particles in the field, either attracting or repelling them

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Gel [electrophoresis](#) is a technique used to separate [DNA](#), [RNA](#), or proteins based on their size and charge. It involves running molecules through a [gel matrix](#) under the influence of an [electric field](#), resulting in the separation of molecules into distinct bands that can be visualized.

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