

Electroporation

Electroporation is a technique for transgenesis. In this technique the cells are exposed to high voltage pulse for very brief periods. This induces transient pores in the plasma lemma and the DNA can enter through this pores.

Basically two systems of Electroporation are present

1. Low voltage – long pulse method
2. High voltage – short pulse method

Linearized DNA is more efficient in transfection than circular super coiled DNA. ion.