

## **Lipofection**

The delivery of DNA into cells using liposomes is called lipofection. Liposomes are small vesicles prepared from a suitable lipid. The use of cationic lipids for the construction of liposomes is a distinct advantage as DNA spontaneously and efficiently complexes with these liposomes making encapsidation procedures unnecessary. The cationic liposomes have a single lipid bilayer membrane and they bind to the cells efficiently. They fuse with the plasma membrane and thereby deliver the DNA (Complexed with them) into the cells which bring about transfection.

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