



# United States Patent [19]

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[54] ENHANCEMENT OF LIPID CATIONIC TRANSFECTIONS IN THE PRESENCE OF SERUM

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[58] Field of Search ..... 435/240.1, 240.2, 435/172.1; 424/450; 514/44; 935/52, 54

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[57] ABSTRACT

A method is provided for enhancing transfection efficiency of eukaryotic cells comprising contacting said cells with a lipid aggregate comprising nucleic acid and a polycationic lipid composition in the presence of a polycationic compound and serum. The polycationic compound is preferably Polybrene™, and the lipid aggregate preferably comprises liposomes of nucleic acid and LipofectAMINE™.

11 Claims, 2 Drawing Sheets

