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Cytofect™ Epithelial Cell Transfection Kit

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Description

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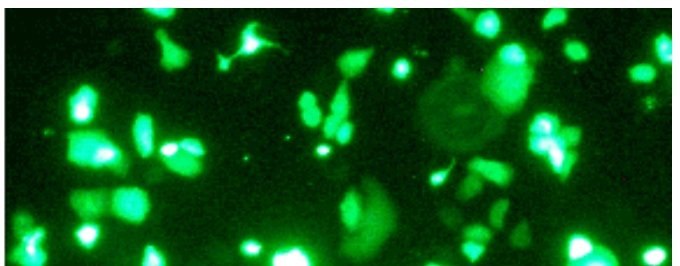
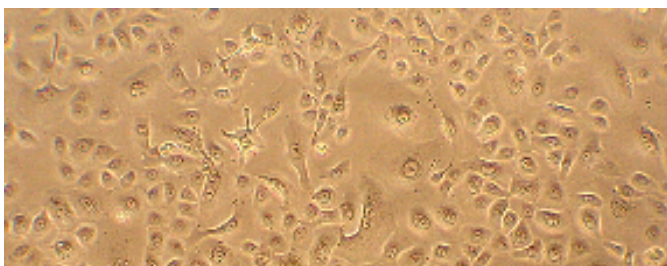
Transfection, the introduction of nucleic acid into mammalian cells, is a powerful technique used to study *in vivo* gene function and regulation. The Cytofect™ Epithelial Cell Transfection kit is a plasmid DNA delivery system specifically optimized to deliver DNA into a wide variety of epithelial cells. This kit contains Cytofect-1, Enhancer and Media for transfection and culturing cells. Viral Enhancer has the ability to complex with unmodified DNA via cationic Cytofect-1 and protect the transfected DNA from lysosomal degradation. This results in high transfection efficiency and viability for these traditionally hard-to-transfect primary epithelial cells.

#Wells / Rxns

96 / 620
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The Kit contains all necessary reagents, media and optimized protocols to carry out successful transfection of epithelial cells with high efficiency (40%-70%) and viability (70%-95%).

*Products are for research use only. They are not intended for human, animal, or diagnostic applications. *Viral Enhancer (VE) is a replication-deficient, Adenovirus-derived formulation that does not contain replication competent virus. TR1 and VE are manufactured by Targeting Systems.*



(Click to Enlarge) Transfection of HEK (Top) and HMEpC (Bottom) with a GFP-expression plasmid using the Cytofect™ Epithelial Cell Transfection Kit.

Details

Cytofect-1
Viral Enhancer (VE)*

Kit Contents: Antibiotics-Free Growth Medium
Transfection Medium
Transfection Medium with Serum

Designed to improve transfection efficiency and cell viability, Cytofect is a plasmid DNA delivery system containing Cytofect-2, Enhancer and Media for transfecting and culturing cells. The Enhancer is an endosomolytic peptide that complexes with DNA and Cytofect-2, then escorts the transfection complex to the nucleus. The results are high transfection efficiency and viability for traditionally hard-to-transfect cells.

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