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## Cytofect™ Hepatocyte 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™ Hepatocyte Transfection kit is a plasmid DNA delivery system specifically optimized to deliver DNA into hepatocytes. This kit contains Cytofect-1, Viral Enhancer\* and Media for transfection and culturing cells. Viral Enhancer complexes with DNA and Cytofect-1 and escorts the transfection complex to the nucleus. This results in high transfection efficiency and viability for these traditionally hard-to-transfect primary cells.

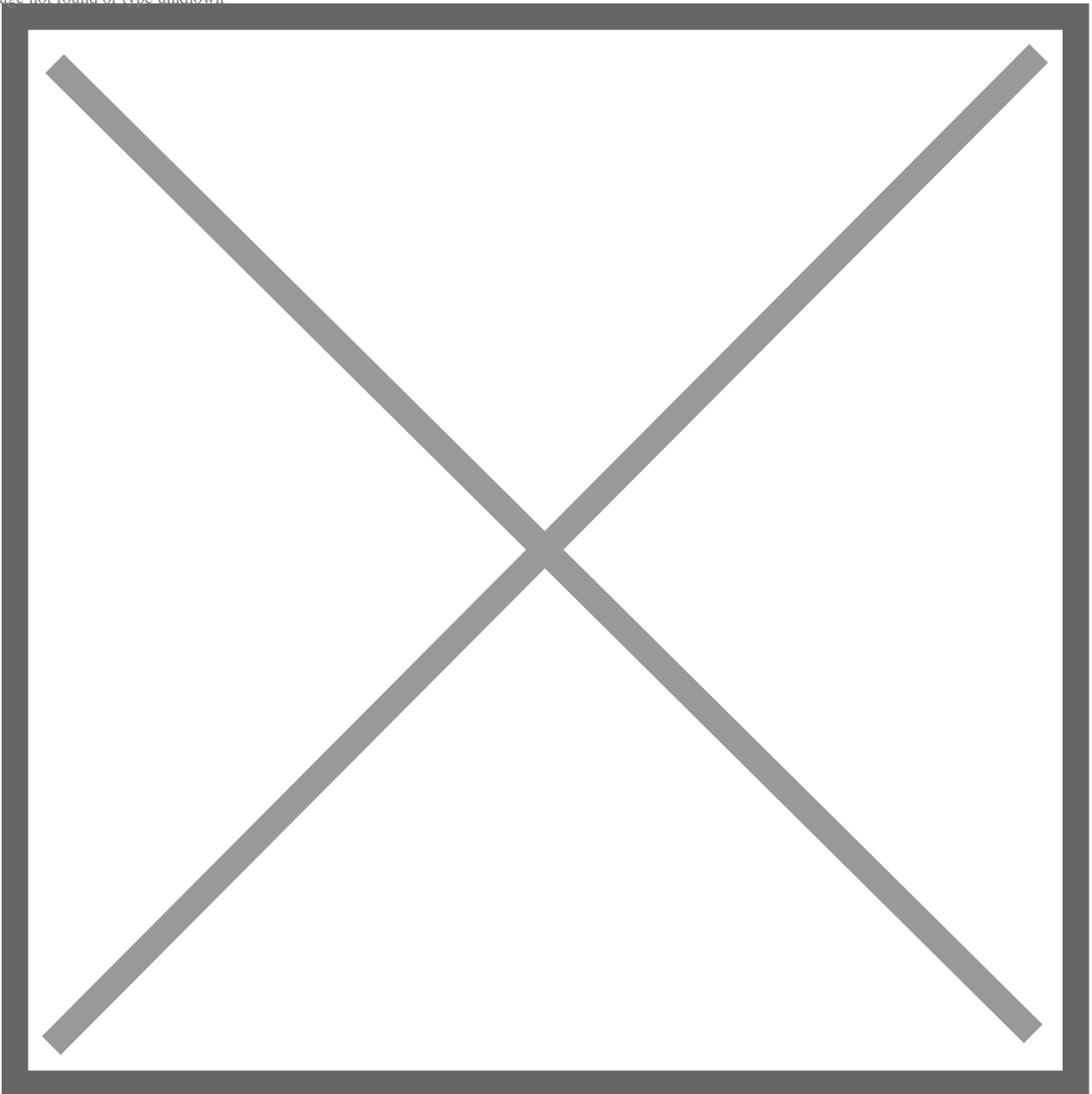
#### #Wells / Rxns

96 / 1000  
24 / 200  
12 / 100

The Kit contains all necessary reagents, media and optimized protocols to carry out successful transfection of primary Hepatocytes with high efficiency (40%) 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.*

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[1]  
(Click to Enlarge) Transfection of Rat Hepatocytes with a GFP-expression plasmid using the Cytofect™ Hepatocyte Transfection Kit.

## Details

**Kit Contents:**  
Cytofect -1  
Viral Enhancer (VE)  
Antibiotics-Free Growth Medium  
Transfection Medium

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.

Instructions TF780K

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