

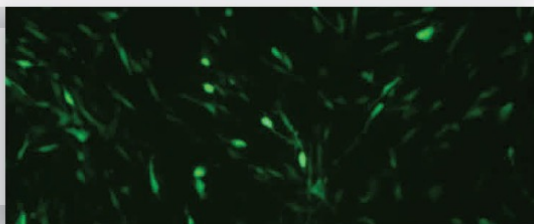


Magnefect Nano

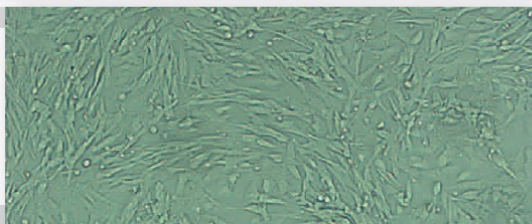
The system for high performance gene transfection

Magnefect Nano™ - Neuronal Transfection

DIFFERENTIATED SH-SY5Y CELLS

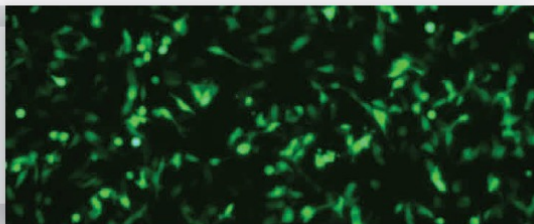


Transfection efficiency: **40 - 50%**

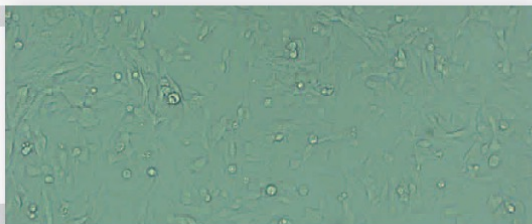


Cell viability: **70%**

UNDIFFERENTIATED SH-SY5Y CELLS

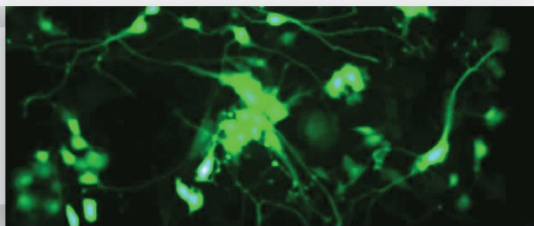


Transfection efficiency: **70 - 80%**

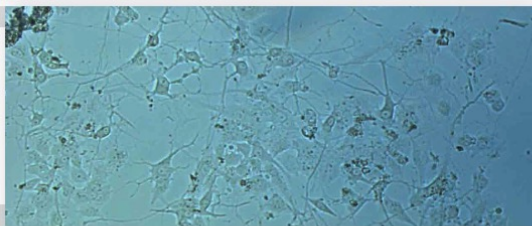


Cell viability: **80 - 90%**

DIFFERENTIATED PC-12 CELLS



Transfection efficiency: **20 - 30%**



Cell viability: **80 - 90%**



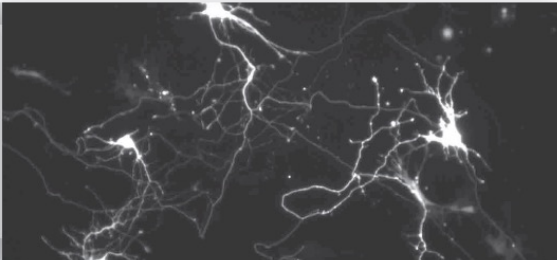
Magnefect Nano

The system for high performance gene transfection

PRIMARY CELL TRANSFECTION

The magnefect product range offers improved transfection efficiency, cell viability and possibility of transfection in adherent state.

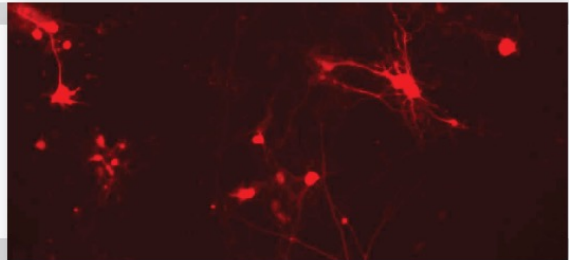
PRIMARY HIPPOCAMPAL NEURONS



Transfection

Fluorescent images of primary hippocampal neurons in a mixed neuronal culture transfected with td-Tomatoe

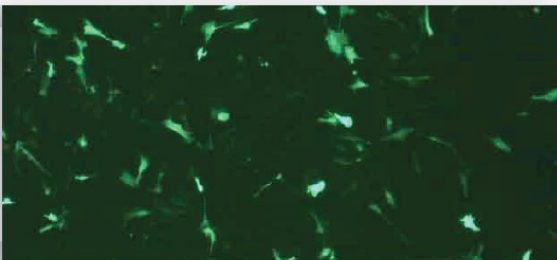
(Data courtesy of Dr Joseph Steiner, Associate Professor of Neurology, School of Medicine, Johns Hopkins University, USA)



Re-Transfection

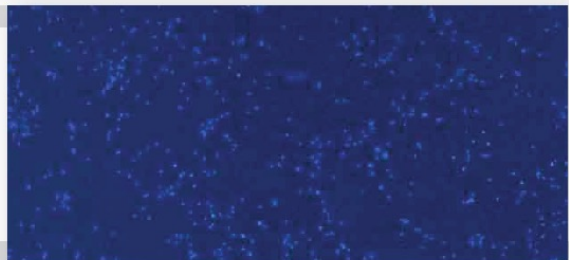
Fluorescent images of primary hippocampal neurons in a mixed neuronal culture transfected with td-Tomatoe and followed by retransfection of beta-tubulin td-Tomatoe fusion protein

PRIMARY RAT ASTROCYTES



Transfection efficiency: **55 - 65%**

(Data courtesy of Dr. D. Chari and Dr. M. Pickard, Cellular & Neural Engineering Group, Keele University, United Kingdom)



Cell viability: **~100%**