nanoTherics Limited

magnefect-nano™

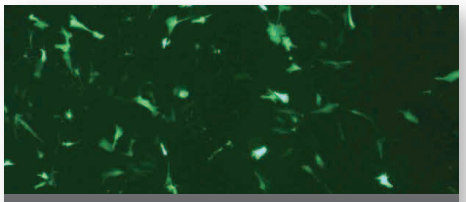
High Performance Transfection Products

Summary Information Sheet

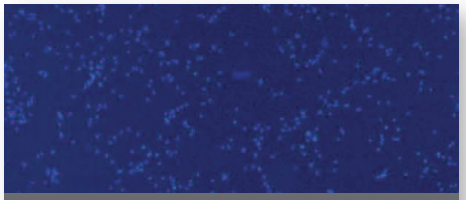
PRIMARY RAT ASTROCYTE TRANSFECTION

- **Excellent transfection efficiency: Up to 75% (~60% on average)**
- **No effect on cell viability**
- **Faster transfection (<30 minutes)**
- **Lower running costs (approx $0.1 per well for a 96 well plate)**

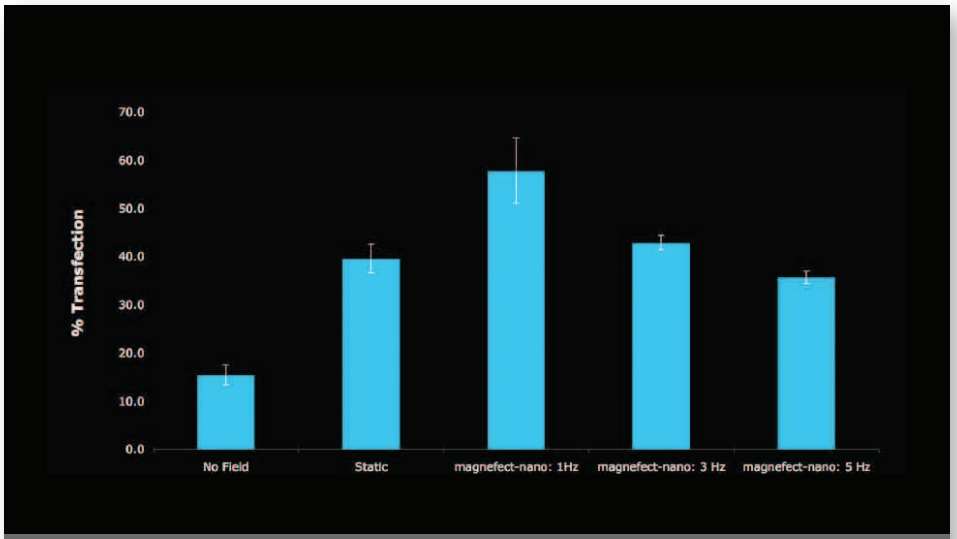
DATA



Fluorescent images of Primary Rat Astrocytes transfected with GFP image using the magnefect-nano™: 1 Hz / 200µm / 30 min.



Fluorescent images of Primary Rat Astrocytes transfected with DAPI image using the magnefect-nano™: 1 Hz / 200µm / 30 min.



Percent transfection for static and oscillating magnetic fields
(N = 4 per group; min. count: 160 cells/culture; Error bars represent Standard Error on the Mean)

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

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