



MH7A cells were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 24 hours post transfection, the cells were analyzed by light (A) and fluorescence microscopy (B).

Electroporation parameters

Pulse voltage (v)	Pulse width (ms)	Pulse number	Cell density (cells/ml)	Transfection efficiency	Viability	Tip type
880	35	2	5 x 10 ⁶	62%	85%	10 µl
875	60	1	5 x 10 ⁶	62%	85%	10 µl
900	60	1	2 x 10 ⁷	60%	80%	10 µl

Cell information

Cell type/description	M7HA (rheumatoid synovial cells)/cell line
Characteristics/species	Adherent/human
Tissue origin	Knee joint
Media	RPMI 1640 with L-glutamine; 10% FBS
Morphology	Fibroblast-like
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%