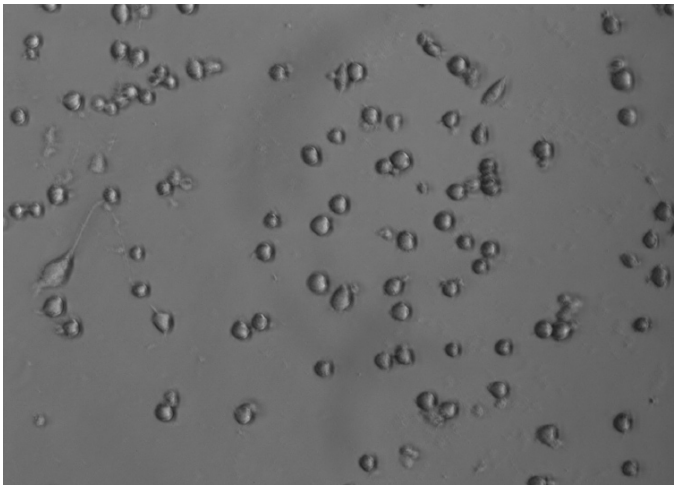
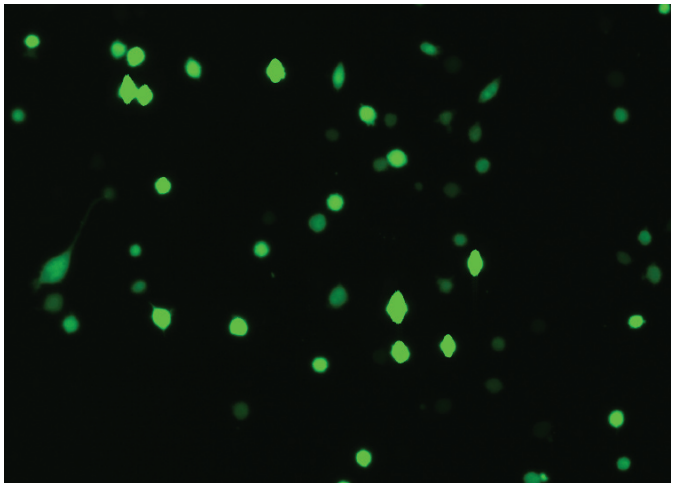
L-929

A



B



L-929 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
1,600	10	4	1×10^5	92%	65%	10 µl
1,400	30	1	1×10^5	84%	80%	10 µl

Cell information

Cell type/description	L-929
Characteristics/species	Fibrosarcoma/mouse
Tissue origin	—
Media	Dulbecco's Modified Eagle's Medium (DMEM), with 4.5 mg/L glucose supplemented with 1% penicillin/streptomycin solution; 10% FBS
Morphology	Fibroblast
Double time	1.5 days
Subculturing	A subcultivation ratio of 1:4 to 1:6 is recommended; medium renewal: twice per week
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO_2), 5%