



IM-9 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
1,700	20	1	$5.6 \times 10^6$	80%	80%	10 µl
1,400	20	2	$5.6 \times 10^6$	74%	90%	10 µl
1,700	20	1	$5.6 \times 10^7$	88%	70%	100 µl

#### Cell information

Cell type/description	IM-9/cell line
Characteristics/species	Suspension/human
Tissue origin	Blood
Media	DMEM:F12(1:1) with 2.5 mM L-glutamine, 15 mM HEPES; 10% FBS
Morphology	Lymphoblast
Double time	—
Subculturing	A subcultivation ratio of 1:4 is recommended
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO <sub>2</sub> ), 5%