



HEL 92.1.7 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
1,450	20	2	7.6 x 10 <sup>6</sup>	83%	48%	10 µl
1,300	20	3	7.6 x 10 <sup>6</sup>	76%	78%	10 µl
1,400	20	2	7.6 x 10 <sup>6</sup>	78%	67%	100 µl

### Cell information

Cell type/description	HEL 92.1.7/cell line
Characteristics/species	Suspension/human
Tissue origin	Blood
Media	RPMI 1640 medium with 2 mM L-glutamine adjusted to contain 1.5 g/L sodium bicarbonate, 4.5 g/L glucose, 10 mM HEPES, and 1.0 mM sodium pyruvate (90%); 10% FBS
Morphology	Lymphoblast
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO <sub>2</sub> ), 5%