



Vero 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
1,300	10	3	5.6 x 10 <sup>6</sup>	75%	80%	10 µl
1,200	20	2	5.6 x 10 <sup>6</sup>	83%	68%	10 µl
1,150	20	2	5.6 x 10 <sup>6</sup>	93%	59%	100 µl

### Cell information

Cell type/description	Vero/cell line
Characteristics/species	Adherent/monkey
Tissue origin	Kidney (connective tissue)
Media	RPMI 1640, with 300 mg/L L-glutamine (300 mg/L), 25 mM HEPES, and 25 mM NaHCO <sub>3</sub> (90%); 10% heat-inactivated FBS
Morphology	Epithelial
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%