



T-47D cells were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 48 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
1,750	20	1	5.6 x 10 <sup>6</sup>	84%	95%	10 µl
1,350	20	2	5.6 x 10 <sup>6</sup>	80%	90%	10 µl
1,700	20	1	5.6 x 10 <sup>7</sup>	77%	90%	100 µl

#### Cell information

Cell type/description	T-47D/cell line
Characteristics/species	Adherent/human
Tissue origin	Breast
Media	RPMI 1640 with 2 mM L-glutamine; 10 mM HEPES; 10% FBS; 0.2 units bovine insulin
Morphology	Epithelial
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%