



CHO DG44 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	1 x 10 ⁷	81%	92%	10 µl
1,600	10	3	1 x 10 ⁷	76%	94%	10 µl

Cell information

Cell type/description	CHO DG44/cell line
Characteristics/species	Suspension/Chinese hamster
Tissue origin	Ovary
Media	CD DG44 media supplemented with 8 mM L-glutamine and 18 mL/L of 10% Pluronic® F-68
Morphology	Round, single cells
Double time	20–25 hr
Subculturing	Pass the cells every 2–3 days to 1.5–3.0 x 10 ⁵ cells/ml
Culture condition	Temperature: 37°C; atmosphere: air, 92%; carbon dioxide (CO ₂), 8%; shaking speed, ~130 rpm