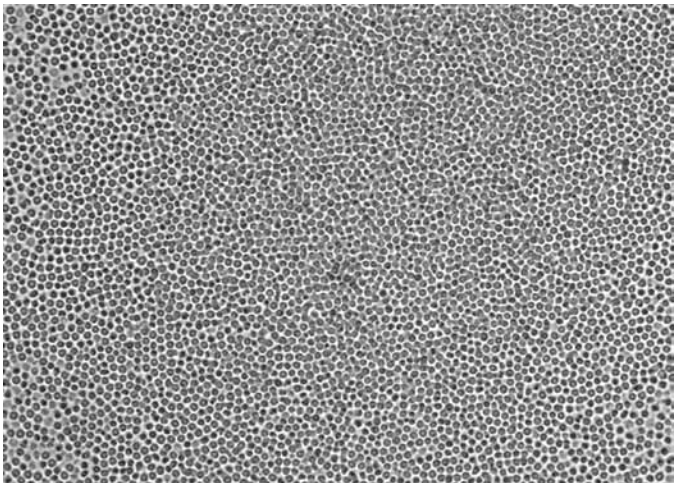
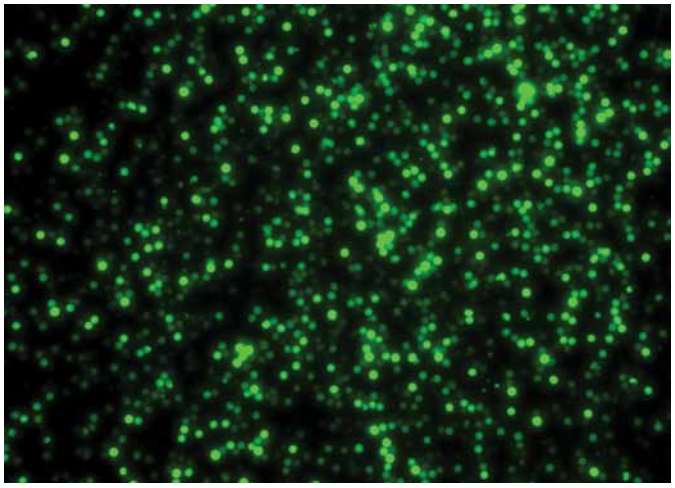
Human T cells microporation

A



B



Human T cells were transfected using the MicroPorator and 1.0 µg of a plasmid encoding EGFP. 24 hours post-microporation, the cells were analyzed by light **(A)** and fluorescence microscopy **(B)**.

Microporator parameters

Pulse voltage (v)	Pulse width (ms)	Pulse number	Cell density (cells/mL)	Transfection efficiency	Viability	Tip type
2,100	20	1	2×10^7	40%	97%	10 µL
2,000	15	2	2×10^7	32.5%	74%	10 µL

Cell information

Cell type/Description	Human T cells/Primary cell
Characteristics/Species	Suspension/Human
Tissue origin	Blood
Media	Iscove's Modified Dulbecco's Media (IMDM) with 10% Fetal Bovine Serum
Morphology	Round single cell (lymphoblast)
Doubling time	—
Subculturing	—
Culture conditions	Temperature 37°C; atmosphere: air, 95% carbon dioxide (CO_2) 5%