

Materials List for:

# Changing the Direction and Orientation of Electric Field During Electric Pulses Application Improves Plasmid Gene Transfer *in vitro*

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URL: <https://www.jove.com/video/3309>

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## Materials

Name	Company	Catalog Number	Comments
HAM-F12	PAA Laboratories	E15-016	culture medium
L-glutamine	Sigma-Aldrich	G7513	
fetal bovine serum	PAA Laboratories	A15-151	
gentamicin	Sigma-Aldrich	G1397	antibiotic
crystacilin	Pliva	625110	antibiotic
pEGFP-N1	Clontech Laboratories	6085-1	plasmid DNA
HiSpeed Plasmid Maxi Kit	Qiagen	12662	
Na <sub>2</sub> HPO <sub>4</sub>	Merck & Co., Inc.	F640786 933	
NaH <sub>2</sub> PO <sub>4</sub>	TKI Hrastnik	0795	
MgCl <sub>2</sub>	Sigma-Aldrich	M-8266	
sucrose	Sigma-Aldrich	16104	
trypsin/EDTA solution	Sigma-Aldrich	T4174	
pipette tip	Custom Made		
electric pulse generator	Custom Made		
6 well plate	Techno Plastic Products	92406	
15 ml centrifuge tube	Techno Plastic Products	91015	
75 cm <sup>2</sup> culture flask	Techno Plastic Products	90076	