

Materials List for:

Gene Transfer into the Chicken Auditory Organ by *In Ovo* Micro-electroporation

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URL: <https://www.jove.com/video/53864>

DOI: [doi:10.3791/53864](https://doi.org/10.3791/53864)

Materials

Name	Company	Catalog Number	Comments
Sterile 1x PBS pH 7.4	gibco	10010-023	
Fast Green FCF Powder	Sigma	F7252-5G	
EdU Powder	Invitrogen	E10187	
Click-IT EdU Alexa Fluor 555 Imaging Kit	Invitrogen	C10338	
HiSpeed Plasmid Midi Kit (25)	Qiagen	12643	
ECM 830 ElectroSquarePorator	BTX Harvard Apparatus		
Banana to Micrograbber Cable Kit	BTX Harvard Apparatus	45-0216	
Right Handed & Left Handed Micromanipulators	World Precision Instruments Inc.	M3301R & M3301L	
Two 12 mm Magnetic Holding Device Stages with 7 inch vertical posts	World Precision Instruments Inc.	M10	
Metal Steel Base Plate 12x24 inch	World Precision Instruments Inc.	5479	
Scissors for Eggs 12 cm long curved, 12 mm extrafine blades; Spring Scissors	World Precision Instruments Inc.	14120	
Micropipette Puller for pulling needles	Sutter Instrument Co.	P-97	
2.5x2.5 mm Box Platinum Heating Filament	Sutter Instrument Co.		
Glass Capillary Tubes/Needles/No Fiber/Borosil 1 mm	FHC	27-30-0	
Hamilton Glass Syringe 100 µl	Hamilton	80601 Model 710LT	
Mineral Oil (Heavy) for Hamilton Glass Syringe	Fisher Scientific	O122-1	
Polyethylene Tubing for connecting the Glass Syringe and Glass Cappillary Needles/ Non Toxic	Becton Dickinson and Company (BD)	427420 Intramedic Clay Adams Brand	
3 cc Disposable Syringes	Becton Dickinson and Company (BD)	309657	
Disposable 21 Gauge Needles	Becton Dickinson and Company (BD)	305122	
One pair of 2 mm Platinum Electrodes	Bulldog Bio. / Nepagene	CUY611P3-2	
Electrode Holder	Bulldog Bio. / Nepagene	CUY580	
One pair of Dumont fine forceps number 5	Fine Science Tools (FST)		
Matte finish invisible tape for sealing eggs	Office Depot	520-928	

Cotton-Tipped Swabs	Fisher Scientific	23-400-101	
Sterile filter tips			