Materials List for:

Gene Transfer to the Developing Mouse Inner Ear by *In Vivo* Electroporation

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URL: http://www.jove.com/video/3653/

Materials

Name	Company	Catalog Number	Comments
Micro Sterilizing Case	Roboz Surgical Instruments Co.	RS-9900a	8X8.5X1.25 inches
Ball-tipped scissors	Fine Science Tools	14109-09	
Ring forceps	Fine Science Tools	11106-09	4.8mm ID/6mm OD
Adson Tissue Forceps	Fine Science Tools	11027-12	
Needle driver	Fine Science Tools	12502-12	
Allergy Syringe Tray	BD Biosciences	305536	
Suture 6-0	Syneture	GL-889	0.7 metric gastrointestinal suture
Lactated Ringer's Injection USP	Baxter Internationl Inc.	2B2323	
Fast green	Sigma-Aldrich	F7258	
Borosilicate glass capillary	Harvard Apparatus	30-0053	
Nembutal Sodium Solution	OVATION Pharmaceuticals	NDC 67386-501-52	
MgSO4.7H2O	Fisher Scientific	M63-500	
Propylene glycol	Fisher Scientific	P355-1	
Ethanol	Sigma-Aldrich	E7023-500	
Meloxicam	Boehringer Ingeheim	NADA 141-219	
Micropipette Puller	Sutter Instrument Co.	P-97	FB255B box filament; consult Pipette Cookbook from Sutter instruments
Microelectrode Beveler	Sutter Instrument Co.	BV-10	104C beveling disk for large pipettes; consult owner's manual for beveling theory
Micropipette holder	Warner Instruments	MP-S15T	For 1.5mm outer diameter pipette and female pressure port for Picospritzer tubing.
Tweezers-style electrode	Protech International, Inc.	CUY650P5	5 mm outer diameter
Square Wave Electroporator	Protech International, Inc.	CUY21EDIT	Footpedal recommended
PICOSPRITZER III	Parker Hannifin Corporation	051-0500-900	Footpedal recommended
Manual Control Micromanipulator	Harvard Apparatus	640056	
Horizontal laminar flow clean bench	Envirco		Custom modifications to LF 630-10554. See supplementary information for hood schematic.
Leica stereofluorescence dissecting microcope with Lumencor SOLA light engine	Bartels and Stout and Lumencor	MZ10F with Lumencor SOLA light engine	Footpedals to focus the MZ10F and to trigger the SOLA light engine are recommended
Alexa Fluor 594 Dextran	Invitrogen	D22913	10mg/ml, aqueous
Alexa Fluor 488 Dextran	Invitrogen	D22910	10mg/ml, aqueous
Enviro-dri	Shepherd Specialty Papers		www.ssponline.com

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