

Materials List for:

# In Ovo Electroporation in the Chicken Auditory Brainstem

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URL: <https://www.jove.com/video/55628>

DOI: [doi:10.3791/55628](https://doi.org/10.3791/55628)

## Materials

Name	Company	Catalog Number	Comments
Fertilized white leghorn chicken eggs	Sunnyside Inc. (Beaver Dam, WI)		
Picospritzer	Parker Hannifin	052-0500-900	Picospritzer III, single or dual channel
Current/voltage stimulator	Grass Technologies	SD9	SD9
Microfil syringe needles	World Precision Instruments	MF28G67-5	28 Gauge, 67 mm Long, (Pack of 5)
Electrode holder	Warner Instruments	64-1280	MP Series: Non-Electrical Pressure Applications
Stimulating microelectrode	FHC	PBSA1075	PBSA1075
Air tank/regulator	NU Laboratory Services		Air dry 300 CF
Fast green	Sigma Aldrich	F7258-25G	F7258-25G
Clear plastic tape	Scotch	191	
Doxycycline hyclate	Sigma Aldrich	D9891-1G	
Egg refrigerator	Vissani Wine Refrigerator		13.3 - 16.1 °C (56-61° F)
Incubator	Hova-Bator		38 ° C (100 ° F), ~50% humidity
Dissection scope	Zeiss	4.35E+15	SteREO Discovery, V8 Microscope, 50.4X
Cold-light source	Zeiss	4.36E+15	CL6000 LED
Micromanipulators	Narishige Japan	Model: MM-3	2 Micromanipulators
Capillary tubes	Sutter Instrument	BF150-86-10	Thick-walled borosilicate (dimensions)
Syringes			1 mL, 3 mL
Needles	BD Precision Glide		27 G x 1 1/4, 19 G x 1 1/2
Forceps	Stoelting		No. 5 Super Fine Dumont
Egg holder	Custom Made		Clay base works as well
Micropipette puller	Sutter Instrument		Model P-97
Syringe filter	Ultra Cruz	sc-358811	PVDF 0.22 µm