

Materials List for

# Slicing the Embryonic Chicken Auditory Brainstem to Evaluate Tonotopic Gradients and Microcircuits

Sandesh Mohan<sup>1</sup>, Abhijit Roy<sup>1</sup>, George Ordiway<sup>1</sup>, Jason Tait Sanchez<sup>1,2,3</sup>

<sup>1</sup>Roxelyn and Richard Department of Communication Sciences and Disorders, Northwestern University <sup>2</sup>Knowles Hearing Research Center, Northwestern University <sup>3</sup>Department of Neurobiology, Northwestern University

## Corresponding Author

**Sandesh Mohan**  
sandesh.mohan@northwestern.edu

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jove.com/video/63476

## Materials

Name	Company	Catalog Number	Comments
Adobe photoshop 2021	Adobe		
Anti-vibration table 30"x 36" - OTMC - 63533	TMC		
Cell sens standard software	OLYMPUS		
Digidata 1440A	MOLECULAR DEVICES		
Digital amplifier multiclamp 700B	MOLECULAR DEVICES		
DSK line-up linearslicer pro7	TED PELLA, INC		
Micromanipulator MPC-385 / OSI-MPC-385-2	OLYMPUS AMERICA INC		
Micropipette puller P-97	SUTTER INSTRUMENTS		
Microscope BX51W1	OLYMPUS AMERICA INC		
MS ICE software	Microsoft Corporation		
Ohaus balance model AV212	Ohaus Adventurer		
Olympus DPSI0 /DPS80 camera	OLYMPUS		
pClamp and Axoclamp data Acquisition Softwares	MOLECULAR DEVICES		
pH meter lab 850 benchtop	SCHOTT INSTRUMENTS		
Sharp stainless blade	Dorco/Personna		
Vapor pressure osmometer model 5600	WESCOR INC		
Water purification systems Smart2pure 6UV/UF	Thermo Scientific		
<b>Chemicals- list</b>			
Agrose Low melt IB70051	IBI SCIENTIFIC		
CaCl <sub>2</sub> (Calcium Chloride)	ACROS organics		
Cynergy instant adhesive CA6001	Resinlab		
Dextrose (D-(+)-glucose)	VWR Life Science		
Ethyl alcohol	IBI SCIENTIFIC		

KCl (Potassium Chloride)	Amresco.Inc		
MgCl <sub>2</sub> (Magnesium Chloride)	Sigma-Aldrich		
NaCl (Sodium Chloride)	Amresco.Inc		
NaH <sub>2</sub> PO <sub>4</sub> (Sodium Dihydrogen Phosphate)	Amresco.Inc		
NaHCO <sub>3</sub> (Sodium Bicarbonate)	Amresco.Inc		