

Materials List for:

Visualizing the Node and Notochordal Plate In Gastrulating Mouse Embryos Using Scanning Electron Microscopy and Whole Mount Immunofluorescence

Cally Xiao^{1,2,3}, Frank Nitsche⁴, Hisham Bazzi^{2,3}

¹Graduate Program in Pharmacology and Experimental Therapeutics, University of Cologne

²Department of Dermatology and Venereology, University Hospital of Cologne

³Cologne Cluster of Excellence in Cellular Stress Responses in Aging-Associated Diseases (CECAD), University of Cologne

⁴Department of General Ecology, Institute for Zoology, Biocenter Cologne, University of Cologne

Correspondence to: Hisham Bazzi at hisham.bazzi@uk-koeln.de

URL: <https://www.jove.com/video/58321>

DOI: [doi:10.3791/58321](https://doi.org/10.3791/58321)

Materials

Name	Company	Catalog Number	Comments
1,1,1,3,3,3 Hexamethyldisilazane (HMDS)	Carl Roth	3840	
Anti-T antibody	R&D Systems	AF2058	
Critical Point Dryer	Blazers Union	CPD 020	
DAPI	AppliChem	A4099,0005	
Glutardialdehyde solution 25%	Merck	1042390250	
Triton X-100	Sigma Aldrich	X100-100ML	
Tween 20	AppliChem	A4974,0500	
SEM coating unit PS3	Agar Aids for Electron Microscopy	PS3	
SEM microscope Quantum FEG 250	ThermoFisher Scientific (FEI)	Quantum FEG 250	