

Materials List for:

Protein Isolation from the Developing Embryonic Mouse Heart Valve Region

Laura A. Dyer¹, Yaxu Wu¹, Cam Patterson²

¹McAllister Heart Institute, University of North Carolina at Chapel Hill

²New York-Presbyterian Hospital/Weill-Cornell Medical Center

Correspondence to: Laura A. Dyer at laura.dyer@mga.edu

URL: <https://www.jove.com/video/51911>

DOI: [doi:10.3791/51911](https://doi.org/10.3791/51911)

Materials

Name	Company	Catalog Number	Comments
Timed-pregnant mouse			To be dissected at the embryonic stage of interest
Stereoscopic microscope	Nikon	SMZ645	
0.1 M Tris, pH 7.6			
Microscissors	Fine Science Tools	15003-08	
Fine forceps, #5	Fine Science Tools	11251-30	
Dissecting needle holders	Ted Pella Inc.	13560	
Dissecting needles	Ted Pella Inc.	13561-10	
Micropipette, 20 µl, with tips			
Lysis buffer			50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 5 mM EDTA, 1% Triton
PhosSTOP	Roche	4906845001	Add 1 tablet to 10 ml lysis buffer
TissueLyser LT	Qiagen	85600	
Stainless steel beads	Qiagen	69989	
Microcentrifuge			