

Materials List for

Cryo-section Dissection of the Adult Subependymal Zone for Accurate and Deep Quantitative Proteome Analysis

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jove.com/video/63047

Materials

Name	Company	Catalog Number	Comments
Cryostat CM3050S	Leica		
Dissecting microscope	Leica		
Dumont no. 5SF forceps, Inox super fine tip	Fine Science Tools	cat. no. 11252-00	
Hank's Balanced Salt Solution with CaCl ₂ and MgCl ₂	Invitrogen	cat. no. 24020	
HEPES buffer solution (1 M)	Invitrogen	cat. no. 15630	
Microscope slides	RS France	cat. no. BPB018	
Safe-lock tubes, PCR clean 2.0 mL	Eppendorf	cat. no. 0030123344	
Spring scissors, Vannas-Tubingen 5 mm	Fine Science Tools	cat. no. 15003-08	
Surgical disposable scalpels	B. Braun	cat. no. 5518083	
Tissue culture dishes 60 mm	Greiner Bio-One	cat. no. 633180	
Antibodies			
Alexa Fluor secondary antibodies (488, 555) (1/1,000)	ThermoFisher Scientific	cat. no. A-11001	
DAPI	Sigma	cat. no. D9542	
guinea pig polyclonal anti-DCX 1:500	Millipore	cat. no. AB2253,	
mouse monoclonal anti-GFAP 1:500	Sigma	cat. no. G3893	
mouse monoclonal anti-MAG 1:400	Millipore	cat. no. MAB1567	
Software			
GraphPad Prism version 9	GraphPad Software, San Diego California USA		www.graphpad.com
Perseus Version 1.6.10.50	Max-Planck Institute for Biochemistry, Munich Bavaria Germany		https://maxquant.net/perseus/
ZEN imaging software	Carl Zeiss		