

Materials List for:

Labeling F-actin Barbed Ends with Rhodamine-actin in Permeabilized Neuronal Growth Cones

Bonnie M. Marsick¹, Paul C. Letourneau¹

¹Department of Neuroscience, University of Minnesota

Correspondence to: Paul C. Letourneau at letou001@umn.edu

URL: <https://www.jove.com/video/2409>

DOI: [doi:10.3791/2409](https://doi.org/10.3791/2409)

Materials

Name	Company	Catalog Number	Comments
18x18 mm coverslip	Gold Seal	3305	
35mm Petri dishes	Falcon BD	351008	
Aquarium cement		DAP 100% silicone aquarium sealant	Any hardware store
Poly-D-lysine (mw > 300,000)	Sigma-Aldrich	P1024	
Natural mouse laminin	Invitrogen	23017-015	
L1 CAM	R&D Systems	777-NC	
Alexa-fluor 350 phalloidin	Invitrogen	A22281	
Rhodamine non-muscle actin	Cytoskeleton, Inc.	APHR-A	
F12 Culture medium	Invitrogen	21700-075	
B27	Invitrogen	17504-044	
Slowfade	Invitrogen	536937	