

Materials List for:

Live Cell Response to Mechanical Stimulation Studied by Integrated Optical and Atomic Force Microscopy

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URL: <https://www.jove.com/video/2072>

DOI: [doi:10.3791/2072](https://doi.org/10.3791/2072)

Materials

Name	Company	Catalog Number	Comments
AFM tip	Novascan Technologies, Inc.		2 micron Borosilicate bead, 0.01N/m, Biotin Surface
avidin	Sigma-Aldrich	A9275	1mg/mL in DPBS
Fibronectin	Sigma-Aldrich	F4759	1 mg/mL
DPBS	Invitrogen	21600-051	
Amaya transfection kit for Smooth Muscle Cells	Lonza Inc.	VPI-1004	
Mattek glass bottom dishes	MatTek Corp.	P60G-1.5-30-F	Sterile 60mm Falcon dishes with glass bottom coverslip no. 1.5