

Materials List for:

Protrusion Force Microscopy: A Method to Quantify Forces Developed by Cell Protrusions

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Materials

Name	Company	Catalog Number	Comments
200 mesh nickel grids	Electron Microscopy Sciences	G200-Ni	
Filter paper	Sigma-Aldrich	1001-055	
Microscope slides	Fisher Scientific	10235612	
White stickers 26 x 70 mm	Avery	DP033-100	
Film casting device with valve in its outlet	Electron Microscopy Sciences	71305-01	
Razorblades	Electron Microscopy Sciences	72000	
Ethanol	VWR	1.08543.0250	
Acetone	VWR	20066.321	
Formvar 0.5% solution in ethylene dichloride	Electron Microscopy Sciences	15820	
12 mm coverslips	VWR	631-0666	
Inverted microscope	Carl Zeiss	Axiovert 200	
Atomic Force Microscope	JPK Instruments	NanoWizard III	
Temperature-controlled sample holder	JPK Instruments	BioCell	
Silicon nitride cantilever with a nominal spring constant of 0.01 N/m	Veeco Instruments	MLCT-AUHW	
PBS	Gibco	14190-094	
Double-sided adhesive tape	APLI AGIPA	118100	
RPMI 1640	Gibco	31870-025	
FCS	Sigma-Aldrich	F7524	
HEPES	Sigma-Aldrich	H0887	
35 mm glass-bottom Petri dishes	WPI	FD35-100	