

Materials List for:

Biophysical Assays to Probe the Mechanical Properties of the Interphase Cell Nucleus: Substrate Strain Application and Microneedle Manipulation

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Materials

Name	Company	Catalog Number	Comments
Fibronectin	EMD Millipore	FC010	
MitoTracker Red FM and Green FM	Invitrogen	M22425 and M-7514	
H-chst 33342	Invitrogen	H3570	
Hank's Buffered Salt Saline	Invitrogen	14185	
Phenol free, DMEM	Invitrogen	21063	
Fetal bovine serum	Aleken Biologicals	FBSS500	
Penicillin/Streptomycin	Sigma-Aldrich	P0781-100ML	
Borosilicate Glass with filament	Sutter Instrument Co.	BF100-78-10	
Gloss/Gloss non-reinforced silicone sheeting, 0.005"	Specialty Manufacturing Inc.		
Dulbecco's Phosphate Buffered Saline	Invitrogen	14200	
35 mm glass bottom culture dishes (FluoroDish)	World Precision Instruments, Inc.	FD35-100	
Braycote 804 Vacuum Grease	SPI Supplies	05133A-AB	