

Materials List for:

Preparation of Complaint Matrices for Quantifying Cellular Contraction

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Materials

Name	Company	Catalog Number	Comments
3-aminopropyltrimethoxysilane	Aldrich	28, 177-8	
40% Acrylamide	Bio-Rad	161-0140	
2% Bis-acrylamide	Fisher Scientific	BP1404	
TEMED	Fisher Scientific	BP 150-20	
Ammonium persulfate	Fisher Scientific	BP179	
40nm fluorescent micro-spheres	Invitrogen	F8789	
Sulfo-SANPAH	Pierce, Thermo Scientific	22589	
Confocal imaging chamber (RC-30)	Warner Instruments	64-0320	
Coverslip spinner	Home made	NA	
Ultraviolet lamp CL1000	UVP Inc.	95-0228-01	
Stainless steel rack	Electron Microscopy Sciences	72239-04	
acryloyl-X, SE (6-((acryloyl)amino)hexanoic acid)	Invitrogen	A-20770	
Hydrazine hydrate	Sigma-Aldrich	225819	
Sodium meta-periodate	Thermo Fisher Scientific, Inc.	20504	
Isopropanol	Fisher Scientific	A416-4	
Fibronectin	Sigma-Aldrich	F2006	
Collagen	BD Biosciences	354236	
Coverslips (#1.5)	Corning	2940#224	
Glutaraldehyde	Electron Microscopy Sciences	16120	
Rain-X	SOPUS Products	www.rainx.com	
Acetic Acid	Acros Organics	64-19-7	