

Materials List for:

Force-Clamp Rheometry for Characterizing Protein-based Hydrogels

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Materials

Name	Company	Catalog Number	Comments
SI-KG4A force transducer	World Precision Instruments (WPI)	SI-KG4A	
Linear Voice Coil Motor	Equipement Solutions	LFA2010	
Bovine serum albumin	Rocky Mountain Biologicals (RMBIO)	BSA-AAF-1XG / 100 G	
Trizma	Sigma-Aldrich	T1503-1KG	
Sodium chloride	Sigma-Aldrich	S7653-1KG	
Ammonium persulfate	Sigma-Aldrich	248614-100G	
Tris(bipyridine)ruthenium(II) chloride	Sigma-Aldrich	544981-1G	
EXPRESS MEDICAL SUPPLIES 6-0 NYLON SUTURE 12/PK	Fisher Scientific	NC0395626	
1mL Syringe Only, Luer-Lok Tip	BD	309628	
Silane, Sigmacote	Sigma-Aldrich	SL2-25ML	
Microbore PTFE Tubing, 0.022"ID x 0.042"OD, 100 ft/roll	Cole-Parmer	EW-06417-21	
Hypodermic Needle, 23 Gauge	Healthcare Supply Pros	305194	
Jensen Global JG24-1.5X Red IT Dispensing Tips - 24 gauge	KIMCO	JG24-1.5X	
USH-103D USHIO 100W Short Arc Mercury Lamp	ALB	USH-103D USHIO	
Medical Tweezers			
Medical scissors			
Olympus			
The computer code and CAD design of the custom parts can be made available on request to the corresponding author.			