

Materials List for:

Fabrication and Characterization of Griffithsin-modified Fiber Scaffolds for Prevention of Sexually Transmitted Infections

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URL: <https://www.jove.com/video/56492>

DOI: [doi:10.3791/56492](https://doi.org/10.3791/56492)

Materials

Name	Company	Catalog Number	Comments
Poly(Lactide-co-Glycolide) (PLGA) 50:50	Lactel	B6013-2P	
1,1,1,3,3,3-Hexafluoro-2-propanol (HFIP)	Thermo Scientific	147541000	
Blunt Dispensing Needle 18g X 1/2	Brico Medical Supplies	BN1815	
BD 3mL Syringe Luer-Lok tip	VWR	309657	
Parafilm (plastic film)	Sigma Aldrich	P7793	
2-(N-Morpholino)ethanesulfonic acid (MES Buffer)	Sigma Aldrich	M3671	
Sodium Chloride	Sigma Aldrich	S7653	
Potassium Chloride	Sigma Aldrich	P9333	
Sodium phosphate dibasic	Sigma Aldrich	S7907	
Potassium phosphate monobasic	Sigma Aldrich	P0662	
Hydroxysuccinimide (NHS)	Thermo Scientific	24500	
1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride (EDC)	Thermo Scientific	22980	
2-Mercaptoethanol	Fisher	BP176	
Griffithsin (GRFT)	Kentucky Bioprocessing	NA	custom made, no product number
Dimethyl Sulfoxide	Milipore	317275	
Polyethylene glycol sorbitan monolaurate (Polysorbate, Tween 20)	Sigma Aldrich	P9416	
Tris EDTA Buffer	Sigma Aldrich	93283	
Flat-Bottom Immuno Nonsterile 96-Well Plates	Thermo Scientific	3355	
Influenza Hemagglutinin (HA)	Kentucky Bioprocessing	NA	custom made, no product number
Goat Anti-GRFT (Primary Antibody)	Kentucky Bioprocessing	NA	custom made, no product number
Rabbit anti-goat IgG-HRP (Secondary Antibody)	Santa Cruz	2056	
Sure Blue TMB Microwell Peroxidase Substrate	KPL	52-00-00	