

Materials List for:

# Fabrication of Biologically Derived Injectable Materials for Myocardial Tissue Engineering

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagents:</b>			
Pepsin	Sigma-Aldrich	p6887-1G	Lyophilized
Biotin	Thermo Fisher Scientific, Inc.	21217	
Neutravidin-HRP	Thomas Scientific	21130	
<b>Equipment:</b>			
Wiley Mini Mill	Thomas Scientific	3383L10	
Labconco Lyophilizer	Labconco Corp.	7670520	
<b>Surgical supplies:</b>			
Betadine	Purdue Products L.P.	67618-154-16	
Lactated Ringers Solution	MWI Veterinary Supply	003966	
KY Jelly	MWI Veterinary Supply	28658	
Lidocaine, 2%	MWI Veterinary Supply	17767	
Buprenorphine hydrochloride	Reckitt Benckiser	12496-0757-1	
Artificial tear ointment	Fisher Scientific	NC9860843	
Triple antibiotic ointment	Fisher Scientific	19082795	
Isoflurane	MWI Veterinary Supply	60307-120-25	
Otoscope	MWI Veterinary Supply	008699	
Stop cock	MWI Veterinary Supply	006245	
3-0 Vicrile suture	MWI Veterinary Supply	J327H	
5-0 Prolene suture	MWI Veterinary Supply	s-1173	
Reverse cutting (RC) needle	Ethicon Inc.	8684G	
Microhemostats	Fine Science Tools	13013-14	
Rat tooth microforceps	Fine Science Tools	11084-07	
No. 10 scalpel	Fine Science Tools	10110-01	
Blunt scissors	Fine Science Tools	14108-09	
Sharp, curved scissors	Fine Science Tools	14085-08	
Large, serrated forceps	Fine Science Tools	1106-12	
PE160 suction tubing	BD Biosciences	427430	
Clippers	MWI Veterinary Supply	21608	
Skin staples/stapler	Ethicon Inc.	PRR35	
<b>General supplies:</b>			
Stir plates			
0.1 M HCl			
1 M NaOH			

10x PBS			
1x PBS			
70% Ethanol			
0.1 mL syringes			
10 mL syringe			
Q-tips			
Surgical glue			
Surgical drape			
Towel clamps			
Small hand-held vacuum			