

Materials List for:

Implantation of Electrospun Vascular Grafts with Optimized Structure in a Rat Model

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Materials

Name	Company	Catalog Number	Comments
Poly(ϵ -caprolactone) (PCL) pellets (M _n =80,000)	Sigma	704067	
Methanol	Tianjin Chemical Reagent Company	1060	
Alcohol	Tianjin Chemical Reagent Company	1083	
Chloroform	Tianjin Chemical Reagent Company	A1007	
Sucrose	Tianjin Fengchuan Company	2296	
Triton X-100	Alfa Aesar	A16046	
Sprague Dawley rats	Laboratory Animal Center of the Academy of Military Medical Sciences		
Normal saline	Hebei Tiancheng Pharmaceutical company		
Chloral hydrate	Tianjin Ruijinte chemical company	2223	
Heparin sodium Injection	Tianjin Biochem Pharmaceutical company		
Gentamycin Sulfate Injection	Jiangsu Lianshui Pharmaceutical company		
Mouse anti- α -SMA primary antibody	Abcam	ab7817	
Mouse anti-smooth MYH primary antibody	Abcam	ab683	
Rabbit polyclonal anti-rat elastin antibody	Abcam	ab23748	
Rabbit anti-von Willebrand factor primary antibody	Abcam	ab6994	
Goat anti-mouse IgG (Alexa Fluor 488)	Invitrogen	ab150117	
Goat anti-rabbit IgG (Alexa Fluor 488)	Invitrogen	ab150077	
5% normal goat serum	Zhongshan Golden bridge	ZLI9022	
Hematoxylin and eosin (H&E)	Beijing leagene biotech	DH0006	
Masson's trichrome	Beijing leagene biotech	DC0032	
Verhoeff-van Gieson (VVG)	Beijing leagene biotech	DC0059	
Von Kossa	Beijing leagene biotech	DS0003	
Surgical sutures needles with thread,3-0 silk	Shanghai Jinhuan medical supplies company	G3002b	

Surgical sutures needles with thread,9-0 silk	Shanghai Jinhuan medical supplies company	H901	
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