

Materials List for:

Isolation, Culture and Transduction of Adult Mouse Cardiomyocytes

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Materials

Name	Company	Catalog Number	Comments
Equipment			
Heated water jacket	Radnoti	158831	
Circulating heated water bath, Isotemp	Fisher Scientific	3013	
Laboratory pump	Watson-Marlow	323	
Hemostats	Exelta	63042-090	
Tissue forceps	VWR	470128034	
Dumont #7 curved forceps	FST	91197-00	
Dumont #5 fine forceps	FST	11251-20	
Small dissection scissors	VWR	470128034	
Extra fine bonn scissors	FST	14084-08	
Fine spring scissors	FST	91500-09	
Materials			
NaCl	Sigma	S9888	
KCl	Sigma	P9541	
Na ₂ HPO ₄ ·7H ₂ O	Fisher	S25837	
MgSO ₄ ·7H ₂ O	Fisher	S25414	
Taurine	Sigma	86329	
Butane dione monoxime (BDM)	Sigma	B0753	
HEPES	Fisher	BP310100	
Glucose	Sigma	G-7021	
Insulin	Novo Nordisk	393153	
EGTA	Amresco	0732-288	
Protease, type XIV	Sigma	P5147	
Collagenase II	Worthington	LS004176	
MEM	Corning	15-010-CV	
FBS, heat inactivated	JRS	43613	
Primocin	Invitrogen	NC9141851	
Ethyl Carbamate	Alfa Aesar	AAA44804-18	
215 micron mesh	Component supply	U-CMN-215-A	
20 G blunt ended needle	Becton Dickinson	305183	
20 G beveled needle	Becton Dickinson	305176	
Lab tape	VWR	89097-990	
Surgical tape	3M	1527-0	

Silk suture, 7-0	Teleflex	15B051000	
Mouse anti-alpha-actinin antibody	Sigma	A7811	
Alexa Fluor 488 goat anti-mouse IgG1 antibody	Thermo Fisher	A21121	