

Materials List for:

Isolation and Physiological Analysis of Mouse Cardiomyocytes

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Materials

Name	Company	Catalog Number	Comments
NaCl	RPI	S23020	
KCl	Sigma	P-3911	
MgCl ₂	Sigma	M-8266	
HEPES	EM Science	S320	
NaH ₂ PO ₄	Sigma	S5011	
CaCl ₂ ·2H ₂ O	Fisher	C79	
D-(+)-Glucose	Sigma	G7528	
2,3-Butanedione-monoxime (BDM)	Sigma	B-0753	
Taurine	Sigma	T-0625	
Bovine Serum Albumin (BSA)	Sigma	A-7030	
Collagenase B	Roche Diagnostics	1-088-823	
Collagenase D	Roche Diagnostics	1-088-882	
Protease XIV	Sigma	P-5147	
Heparin	APP Pharmaceuticals, LLC	401586D	
Isoflurane	Butler Schein	11695-6776-2	
Fura-2 AM	Teflabs	103	
DMSO – anhydrous	Sigma	276855	
IonOptix cell pacing and fluorescent analysis system	IonOptix		
250 µm nylon mesh filter	Sefar America	Lab Pak 03-250/50	
23 G Luer-stub adaptor	Becton Dickinson	1482619E	
PE-50 tubing	Becton Dickinson	427410	