

Materials List for:

Single Cell Transcriptional Profiling of Adult Mouse Cardiomyocytes

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Materials

Name	Company	Catalog Number	Comments
NaCl	Sigma-Aldrich	71378	
KCl	Sigma-Aldrich	60128	
Pyruvic Acid	Sigma-Aldrich	P4562	
Hepes	Sigma-Aldrich	54457	
MgCl ₂	Sigma-Aldrich	M1020	
NaH ₂ PO ₄ monobasic	Sigma-Aldrich	P9791	
Dextrose	Sigma-Aldrich	G6721	
NaOH	Sigma-Aldrich	72068	
EGTA	Sigma-Aldrich	O3777	
CaCl ₂	Sigma-Aldrich	21115	
Protease, Type XIV	Sigma-Aldrich	P5147	
Collagenase, Type I	Worthington Biochemical	C9891	
1x DNA Suspension Buffer (10 mM Tris, pH 8.0, 0.1 mM EDTA)	TEKnova, Inc.	PN T0221	
BSA	Sigma-Aldrich	B8667	
Sodium Pentobarbital	Henry Schein	Contact supplier for ordering	*must be procured through a Veterinarian or lab animal professional
ExoSAP IT	Affymetrix	78201	
CellsDirect 2x Rxn Mix	Invitrogen	11737-030	
SuperScript III RT Platinum Taq Mix	Invitrogen	10928-042	
RT-STA Primer Mix	IDT	Custom	
Nuclease Free water	Sigma-Aldrich	W4502	
WTA2	Sigma-Aldrich	WTA2-50rxn	
Qiaquick PCR purification kit	Qiagen	28104	
Qiacube	Qiagen	9001292	
NanoDrop Spectrophotometer	NanoDrop	2000c	
BioAnalyzer DNA 7500 kit	Agilent Technologies	7500 kit	
One Color Labeling kit	Roche Group	5223555001	
Mus Musculus 12x135k array	Roche Group	5543797001	
GenePix 4200A Scanner	Molecular Devices	4200A	
TransPlex Complete Whole Transcriptome Amplification Kit (WTA2 Kit)	Sigma-Aldrich	WTA2-50RXN	