

Materials List for

Preparation of a Non-Cardiomyocyte Cell Suspension for Single-Cell RNA Sequencing from a Post-Myocardial Infarction Adult Mouse Heart

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jove.com/video/64290

Materials

Name	Company	Catalog Number	Comments
Acridine Orange / Propidium Iodide Stain	Logos biosystems	F23001	
Automated Cell Counter	Logos biosystems	L20001	
Bovine Serum Albumin	Servicebio	G5001	Cytoprotective effect
Cell Counting Slides	Logos biosystems	L12001	
Collagenase Type IV	Gibco	17104019	Digestive enzymes
Dispase II	Sigma	D4693	Digestive enzymes
Dnase I	Roche	11284932001	Prevent cell clumping
Falcon 40µm Cell Strainer	Falcon	352340	Remove cell clumps
Falcon 70µm Cell Strainer	Falcon	352350	Remove undigested tissue and clumps
Flow Cell Sorter	Beckman Coulter	B25982	
Iodophor	OU QING SI	10054963976859	
Needle Holder	FST	12061-01	
Ophthalmic Forceps	RWD	F14012-10	
Ophthalmic Scissors	RWD	S11036-08	
Phosphate Buffered Saline	Servicebio	G4202-500ML	
RBC Lysis Buffer	Beyotime	C3702-120ml	Remove red blood cells
Rib Retractor	FST	17005-04	
Rodent Ventilator	Harvard	730043	
RPMI 1640 Medium	Gibco	11875093	Solvent solution of enzyme
Sterile Scissor	RWD	S14014-10	