

Materials List for:

Simultaneous Isolation of High Quality Cardiomyocytes, Endothelial Cells, and Fibroblasts from an Adult Rat Heart

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Materials

Name	Company	Catalog Number	Comments
anti-vWF	Santa Cruz Biotech.	SC-14014	
Calcium chloride	Merck	102378	
Carnitin	Sigma-Aldrich	C0283	
Collagenase type II	Worthington	LS004176	
Creatin	Sigma-Aldrich	C0780	
D-Glucose	Merck	108342	
Dil-Ac-LDL	Thermo Scientific	L3484	
EDTA Solution (0.2 M)	Biochrome AG	L2113	
Embedding solution	Citiflour	AF1-25	
Endothelial cell medium MV2	PromoCell	C-22022	
Foetal calf serum (FCS)	Biochrome AG	S0615	
Gentamicin	Serva Chemicals	47991	
HEPES	Sigma-Aldrich	H0887	
Isoflurane	Abbott	TU 061219	
Laminin	Roche/Sigma	11243217001	
M199 medium	Thermo Scientific	11150059	
M199 medium (Powder)	Biochrome AG	T061	
Magnesium sulphate	Sigma-Aldrich	63138	
Mouse anti-rat CD31 antibody (TLD-3A12)	Thermo Scientific	MA1-81051	
NaCl solution (0.9%), Sterile	B. Braun	30820080	
Pan mouse IgG beads (Dynabeads)	Thermo Scientific	11041	
Paraformaldehyde (PFA) 4% Solution	Santa Cruz Biotech.	sc-281692	
Penicillin-Streptomycin	Thermo Scientific	15070-063	
Phosphate buffer saline (PBS) 1x	PAN-Biotech	P04-36500	
Plastic consumables	Greiner Bio-One		
Potassium Chloride	Merck	4933	
Potassium dihydrogen phosphate	Merck	7873	
Sodium Chloride	Merck	6404	
Sodium Hydroxide Solution (2 N)	Merck	109136	
Sterile filtration system	Thermo Scientific	5660020	
Taurine	Sigma-Aldrich	T8691	
TO-PRO	Thermo Scientific	T3605	

Trypsin-EDTA Solution (10x)	Sigma-Aldrich	T4174	
Water, Sterile	B. Braun		