

Materials List for:

The Isolation and Culture of Primary Epicardial Cells Derived from Human Adult and Fetal Heart Specimens

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's modified Eagle's medium + GlutaMAX	Gibco	21885-025	
Medium 199	Gibco	31150-022	
Fetal Bovine Serum	Gibco	10270-106	
Trypsin 0.25%	Invitrogen	25200-056	
Penicillin G sodium salt	Roth	HP48	
Streptomycin sulphate	Roth	HP66	
Trypsin 1:250 from bovine pancreas	Serva	37289	
EDTA	Sigma	E4884	
Gelatin from porcine skin	Sigma-Aldrich	G1890	
Culture plates 6 well	Greiner bio-one	657160	
Culture plates 12 well	Corning	3512	
Culture plates 24 well	Greiner bio-one	662160	
SB 431542	Tocris	1614	
Dimethyl Sulfoxide (DMSO)	Merck	102931	
100-1000µL Filtered Pipet Tips	Corning	4809	
10-ml pipet	Greiner bio-one	607180	
5-ml pipet	Greiner bio-one	606180	
Cell culture dish 100/20 mm	Greiner bio-one	664160	
PBS	Gibco	10010056	Or home-made and sterilized
Eppendorf tubes 1.5 mL	Eppendorf	0030120086	
15-ml centrifuge tubes	Greiner bio-one	188271	
50-ml centrifuge tubes	Greiner bio-one	227261	
10 mL Syringe	Becton Dickinson	305959	
Needles 19 Gauge	Becton Dickinson	301700	
Needles 21 Gauge	Becton Dickinson	304432	
EASYstrainer Cell Sieves, 100 µm	Greiner bio-one	542000	
TGFβ3	R&D systems	243-B3	
Monoclonal Anti-Actin, α-Smooth Muscle	Sigma	A2547	
Anti-Mouse Alexa Fluor 555	Invitrogen	A31570	
Alexa Fluor 488 Phalloidin	Invitrogen	A12379	
Equipment			
Name	Company	Catalog Number	Comments

Pipet P1,000	Gilson	F123602	
Pipet controller	Integra	155 015	
Stereomicroscope	Leica	M80	
Inverted Light Microscope	Olympus	CK2	
Centrifuge	Eppendorf	5702	
Waterbath	GFL	1083	