

Materials List for

Isolation of Conditionally Immortalized Mouse Glomerular Endothelial Cells with Fluorescent Mitochondria

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URL

jove.com/video/64147

Materials

Name	Company	Catalog Number	Comments
100 µm cell strainer	Fisher	22-363-549	
1ml Insulin Syringes	BD	329424	
25G butterfly	BD	367298	
3 mm cutting edge scissors	F.S.T	15000-00	
30ml syringe	BD Bioscience	309650	
40 µm cell strainer	Fisher	22-363-547	
40 µm nylon mesh			
Bonn Scissors	F.S.T	14184-09	
Bovine serum albumin	Fisher	BP1600-100	
CD31	abcam	ab7388	
Collagenase type I	Corning	354236	
Collagenase type II	SIGMA	C6885	125CDU/mg
Collagene type IV	SIGMA	C5533-5M	
Dnase-I	Qiagen	79254	
Dynabeads 450	Thermofisher Scientific	14013	
endothelial cells growth medium	Lonza	cc-3156	
Extra fine graefe forceps	F.S.T	11150-10	
FBS	Gemini	100-106	Heat inactivated
Fibronectin	Thermofisher	33016015	
Fine forceps	F.S.T Dumont	E6511	
HBSS	GIBCO	14065-056	
IFNg	Cell Science	CRI001B	
Immortomouse	Jackson laboratory	32619	Tg(H2-K1-tsA58)6Kio/LicrmJ
L-Glutamine 100x	Thermofisher Scientific	25030081	
Magnetic particle concentrator	Thermofisher Scientific	12320D	
mitotracker	Thermofisher Scientific	M7512	
PBS 1X	Corning	46-013-CM	

penecillin streptomycin 100x	Thermofisher Scientific	10378016	
PhaM mice	Jackson laboratory	18397	B6;129S-Gt(ROSA)26Sortm1.1(CAG-COX8A/Dendra2)Dcc/J
Protease (10 mg/ml)	SIGMA	P6911	
RPMI	GIBCO	3945	
Sodium Pyruvate 100mM	Thermofisher Scientific	11360070	
Standard pattern forceps	F.S.T	11000-12	
Surgical Scissors - Sharp-Blunt	F.S.T	14008-14	
synaptopodin	Santa Cruz	sc-515842	
Trypsin 0.05%	Thermofisher Scientific	25300054	