

Materials List for:

Bioengineering Human Microvascular Networks in Immunodeficient Mice

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Materials

Name	Company	Catalog Number	Comments
Endothelial Basal Medium, EBM-2	Lonza Inc.	CC-3156	
EGM-2 SingleQuot supplements	Lonza Inc.	CC-3162	
Glutamine-penicillin-streptomycin solution, 100x GPS	Mediatech, Inc.	30-009-CI	
Mesenchymal Stem Cell Growth Medium BulletKit, MSCBM/ MSCGM	Lonza Inc.	PT-3001	
High glucose Dulbecco's Modified Eagle Medium, 1x DMEM	Invitrogen	11995-073	
MEM Non-essential amino acid solution, 100x NEAA	Invitrogen	11140-050	
High glucose Dulbecco's Modified Eagle, powdered DMEM	Invitrogen	12100-046	
HEPES Buffer solution	Invitrogen	15630-080	
Cultrex Bovine Collagen I solution	Trevigen Inc.	3442-050-01	
Cultrex Human Fibronectin	Trevigen Inc.	3420-001-01	
Fibrinogen from bovine plasma	Sigma-Aldrich	F8630-1G	
Gelatin	Fisher Scientific	DF0143-17-9	
Dulbecco's phosphate buffered saline, PBS	Invitrogen	14190-250	
Trypsin-EDTA solution, 1x	Invitrogen	25300-054	
Isoflurane, liquid for inhalation	Buxter Healthcare Corporation	NDC 10019-360-40	
Thrombin from bovine plasma	Sigma-Aldrich	T4648-1KU	
Formalin Solution, Neutral Buffered	Sigma-Aldrich	HT501128	
Monoclonal Mouse Anti-Human CD31 Antibody	Dako	M0823	Clone JC70A