

Materials List for:

Isolation and Culture of Pulmonary Endothelial Cells from Neonatal Mice

Magdalena Sobczak¹, Jillian Dargatz¹, Magdalena Chrzanowska-Wodnicka¹

¹Blood Research Institute, BloodCenter of Wisconsin

Correspondence to: Magdalena Chrzanowska-Wodnicka at Magdalena.Wodnicka@bcw.edu

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Materials

Name	Company	Catalog Number	Comments
Spring scissors	Fine Science Tools	15032-13	
forceps	Fine Science Tools	11223-20	
14G cannula	Fisher Scientific	1482516N	
20 ml syringe	BD Biosciences	309661	
BSA	Sigma-Aldrich	A7030-100G	
anti-rat IgG Dynabeads	Invitrogen	110.35	
Magnetic Particle Concentrator (MPC)	Invitrogen	123-21D	
anti-mouse PECAM-1 antibody (CD-31)	BD Biosciences	553369	
anti-mouse ICAM-2 antibody (CD-102)	BD Biosciences	553326	
Collagenase/Dispase (C/D)	Roche Group	11097113001	100mg/ml stock solution can be prepared and stored at -20°C
DMEM	Cellgro	10-013-CV	
Bovine Skin Gelatin	Sigma-Aldrich	#G9391-100G	
Vasculife EnGS-Mv complete kit (VL)	Lifeline Cell Technology	LL0004	
0.05% Trypsin/EDTA	Mediatech, Inc.	25-052-CI	
Cell strainer 70 µm nylon	Falcon BD	352350	
tissue culture flask 75 cm ²	Techno Plastic Products	90076	