

Materials List for:

Incorporating Pericytes into an Endothelial Cell Bead Sprouting Assay

Salma H. Azam¹, Mitchell Smith², Vivek Somasundaram², Chad V. Pecot^{2,3}

¹Curriculum in Genetics and Molecular Biology, University of North Carolina at Chapel Hill

²Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill

³Department of Medicine, University of North Carolina at Chapel Hill

Correspondence to: Chad V. Pecot at pecot@email.unc.edu

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Materials

Name	Company	Catalog Number	Comments
Sterile Pipette tips	VWR		
Pipettors	Eppendorf		
Complete EGM2 Media Bullet Kit	Lonza	CC-3162	HUVEC Media
MEM	Gibco	11095114	10T1/2 Media
DMEM	Gibco	11965118	NHLF Media
Tissue culture-grade PBS	Gibco	14190-144	Magnesium and calcium free
Accutase	Life Technologies	A1110501	For lifting HUVEC
Trypsin	Life Technologies	15050065	For lifting 10T 1/2 and NHLF
Customs siRNAs	Sigma		
Lipofectamine RNAiMax	Life Technologies	13778150	
HUVEC	Lonza	C2517A	
10T 1/2	ATCC		
NHLF	ATCC		
Cytodex 3 microcarrier beads	Sigma	C3275	
Tissue culture-coated 6 and 10 cm plates	Corning		
Fibrinogen from bovine plasma	Sigma	F8630	
Thrombin	Sigma	t9549	
Aprotinin	Sigma	a3428	
Falcon Round-Bottom Tubes	Corning		
Tissue culture incubator and hood			
24-well glass bottom plates	MatTek	P24G1.513F	Glass-bottom plates are needed only if the sprouts are going to be imaged. If not, tissue culture plastic is also acceptable.
Sterile Filtration Device			