

Materials List for:

# Fibroblast-Derived 3D Matrix System Applicable to Endothelial Tube Formation Assay

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URL: <https://www.jove.com/video/60304>

DOI: [doi:10.3791/60304](https://doi.org/10.3791/60304)

## Materials

Name	Company	Catalog Number	Comments
Ammonium hydroxide (NH <sub>4</sub> OH)	Roth	A990.1	
Amphotericin-B	Corning	30-003-CF	
Bovine Serum Albumin (BSA)	Sigma	A7906-50G	
Dulbecco's Modified Eagle Medium (DMEM)	Corning	10-014-CVR	
Endothelial Basal Medium (EBM)	Lonza	CC-3121	add supplements before use
Endothelial cell Basal Medium Supplements (EGM-2)	Lonza	CC-4176	
Ethanolamine	Sigma	411000-100ML	
Fetal Bovine Serum (FBS)	Biowest	S181B-500	heat-inactivated before use
Fibroblast Growth Basal Medium (FBM)	Lonza	CC-3131	add supplements before use
Fibroblast Growth Medium Supplements and Growth Factors (FGM-2)	Lonza	CC-4126	
Gelatin from bovine skin	Sigma	G9391-100G	
Glutaraldehyde	Sigma	g5882	
L-Ascorbic Acid	Sigma	A92902-100G	light sensitive
L-Glutamine	Lonza	BE17-605E	
Normocin	Invivogen	3ANT-NR-2	
Pencillin/Streptomycin (Pen/Strep)	Gibco	15140122	
Phosphate Buffered Saline (PBS)	Corning	21-040-CVR	
Triton X100	Roth	3051	
Recombinant telomerase transfected immortalized human foreskin fibroblasts (BJ-hTERT)	ATCC	ATCC CRL-4001	
Human umbilical vein endothelial cells (HUVECs)	ATCC	PCS-100-013	