

Materials List for:

Tissue Engineering: Construction of a Multicellular 3D Scaffold for the Delivery of Layered Cell Sheets

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Materials

Name	Company	Catalog Number	Comments
Reagents			
Calcein-AM	Invitrogen	C3099	Cell tracker / live dye
Lysotracker Red	Invitrogen	L7528	Cell tracker
Neutral Red	Sigma	N7005	Visible Cell dye
pNIPAAm	Sigma Aldrich	412780250	Poly(<i>N</i> -isopropylacrylamide)
Toluene	Sigma Aldrich	244511-1L	
Hexane	Sigma Aldrich	296090-1L	
RAOSMC	Lonza	R-ASM-580	Rat Aortic Smooth Muscle Cells
SmGM2	Lonza	CC-4149	Smooth Muscle Media
HUVEC	Invitrogen	C-003-5C	Human Venous Endothelial Cells
HyStem	Glycosan/Biotime		
Isopropyl alcohol	VWR International	BDH1133-4LP	
Trypsin	Corning Cellgro	25-053-C1	
PBS	Gibco	14287-072	
FBS	Gibco	16140-071	
Specific Equipment			
Filter paper	Ahlstrom	6310-0900	
Buchner Funnel	Sigma Aldrich	Z247308	
UpCell Plates	Nunc	2014-11	
UV light	Jelight Company	UVO Cleaner Model No.42	