

Development and Characterization of Decellularized Lung Extracellular Matrix Hydrogels

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Materials

Name	Company	Catalog Number	Comments
Absolute ethanol	ISOLAB	64-17-5	
Acetic acid	ISOLAB	64-19-7	
Alcian blue solution	Sigma-Aldrich	B8438	
Deoxyribonuclease I from bovine pancreas	Sigma-Aldrich	DN25	
Discovery HR-2 rheometer	TA Instruments		
Entellan mounting medium	Merck	107960	
Eosin solution	Bright-slide	2.BS01-105-1000	
Formaldehyde	Electron Microscopy Sciences	50-980-485	
Hydrochloric acid	Merck	100317	
Iodine	Sigma-Aldrich	3002	
Magnesium chloride	Sigma-Aldrich	7786-30-3	
Mayer's haematoxylin staining solution	Merck	2.BS01-103-1000	
O.C.T compound	Tissue-Tek	4583	
Penicillin/Streptomycin	Biowest	L0018-100	
Pepsin from porcine gastric mucosa	Sigma-Aldrich	P6887	
Picric acid	Polysciences	88-89-1	
Sirius Red	Polysciences	09400-25	
Sodium hydroxide	Sigma-Aldrich	S5881	
Sucrose	Sigma-Aldrich	S0389	
Triton-X-100	Merck	112298	