

Materials List for:

Construction of a Multilayered Mesenchymal Stem Cell Sheet with a 3D Dynamic Culture System

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Materials

Name	Company	Catalog Number	Comments
Phospholipase A ₂	Sigma-Aldrich	P6534	
Sodium deoxycholate	Sigma-Aldrich	D6750-100G	
Phosphate buffer	Gibco BRL	89033	
Penicillin streptomycin / amphotericin	Gibco BRL	15640055	
Buffer bicarbonate	Sigma-Aldrich	C3041	
Table concentrator	Changzhou Aohua Instrument Co.	KT20183	
Dulbecco's Modified Eagle Medium(DMEM)	Corning Cellgro	10-014-CVR	
South American fetal bovine serum	Gibco BRL	10270-106/P30-3302	
L-Glutamine	Corning Cellgro	25-005-CI	
0.25% Trypsin/2.21 mM EDTA	Corning Cellgro	25-053-CI	
Biosafety cabinet	Esco,Singapore	AC2-2S1	
Constant temperature incubator	Esco,Singapore	CLS-170B-8	
Centrifuge tube	Corning	430790	
EP tube	Axygen	31617934	
Centrifugal machine	TOMOS	1-16R	
Sucrose	Sigma-Aldrich	S9378-500G	
Pura Matrix	BD	354250	
Dynamic perfusion culture system	Minucells and Minutissue	D-93077	
Peristaltic pump	Ismatec	IPC N8	
Pump tubing	Ismatec	Nr.1306	
MINUSHEET 1300	Regensburg		tissue carrier components
MINUSHEET	Regensburg		dynamic perfusion system
MINUSHEET 0006	Regensburg		gas exchange equipment
MINUSHEET 0002	Regensburg		500 mL glass bottle
MINUSHEET 1301			perfusion culture container