

Materials List for:

Alginate Encapsulation of Pluripotent Stem Cells Using a Co-axial Nozzle

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Materials

Name	Company	Catalog Number	Comments
Mouse embryo fibroblast	Cell Biolabs	SNL 76/7	
Mouse induced pluripotent stem cell	RIKEN Bio resource centre	iPS-MEF-Ng-20D-17	
DMEM high-glucose	GIBCO	11995	
ES qualified FBS	GIBCO	16141079	
Antibacterial Antibiotics	GIBCO	15240	
Nonessential Amino Acid	GIBCO	11140	
2-mercaptoethanol	GIBCO	21985-023	
ESGRO Leukemia Inhibitory Factor	Merck Millipore	ESG1107	
Trypsin/EDTA	GIBCO	25300	
26 G/16 G needle	Hoshiseido		
10 ml Syringe	TERUMO	SS-10ESZ	
Sodium Chloride	Wako	191-01665	
HEPES	SIGMA	H4034	
Sodium Alginate	Wako	194-09955	
Calcium Chloride	Wako	039-00475	
Poly-L-lysine (MW = 15,000 - 30,000)	SIGMA	P7890	
EDTA	DOJINDO	345-01865	
Sylinge pump	AS ONE		
Microscope	Olympus	IX71	
Microscope	Leica	DM IRB	
Hispeed camera	nac image technology	Memrecam HX-3	