

Materials List for:

A Rapid Filter Insert-based 3D Culture System for Primary Prostate Cell Differentiation

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Materials

Name	Company	Catalog Number	Comments
Corning Costar Snapwell Culture Inserts	Corning	3801	
Millicell Cell Culture Inserts	Millipore	PIHP01250	
Multiwell 6 Well	Falcon	353046	
Gelatin 0.1% in water	Stemcell Technologies	7903	
Sterile Saftey Scapel 10 Blade	Integra Miltex	4-510	
Sterile Standard Scalpel 11 Blade	Integra Miltex	4411	
RIPA Lysis and Extraction Buffer	Thermofisher Scientific	89900	
Sodium Fluoride	Fishcer Scientific	S299-100	
Sodium Vanadate	Fishcer Scientific	13721-39-6	
Dithiothreitol	Sigma-Aldrich	3483123	
Protease Inhibitor Cocktail (AEBSF, Aprotinin, Bestatin, E-64, Leupeptin and Pepstatin A)	Sigma-Aldrich	P8340	
0.25% Trypsin-EDTA (1x)	Thermofisher Scientific	25200-056	
DMEM	Thermofisher Scientific	11965-092	
FBS	Sigma-Aldrich	F2442	
Glutamine	Thermofisher Scientific	25030081	
Penicillin Streptomycin	Thermofisher Scientific	15140-122	
F-12 Nutrient Mix Media	Thermofisher Scientific	11765054	
Y-27632 dihydrochloride Rock inhibitor	Enzo	ALX-270-333-M025	
Hydrocortisone	Sigma-Aldrich	H0888	
EGF	Thermofisher Scientific	PHG0315	
Insulin	Thermofisher Scientific	12585-014	
Cholera Toxin	Sigma-Aldrich	C3012	
Gentamicin	Thermofisher Scientific	15710-064	
Fungizone	Fisher Scientific	BP264550	
Trizol Reagent	Invitrogen	15596026	
Histogel Specimen Processing Gel (hydroxyethyl agarose (HEA))	Thermo Scientific	HG-4000-012	
Non-Adherent Dressing	Telfa	KDL2132Z	
Cell Culture Dish	Sigma	SIAL0167	
HISTOSETTE II Tissue Processing / Embedding Cassettes	Crystalgen	CG-M492	