

Materials List for:

Generation of Porcine Testicular Organoids with Testis Specific Architecture using Microwell Culture

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Materials

Name	Company	Catalog Number	Comments
100 mm ultra low attachment tissue culture dish	Corning	#CLS3262	
100 mm tissue culture dish	Corning	#353803	
Aggrwell 400	Stemcell Technologies	#34411	
Anti-Adherence Rinsing Solution	Stemcell Technologies	#07010	
Collagenase type IV from Clostridium histolyticum	Sigma-Aldrich	#C5138	referred as Collagenase IV S
Collagenase type IV Worthington	Worthington-Biochem	#LS004189	referred as Collagenase IV W
Deoxyribonuclease I from bovine pancreas	Sigma-Aldrich	#DN25	
Dulbecco's Modified Eagle's Medium/F12	Gibco	#11330-032	
Dulbecco's Modified Eagle's Medium - high glucose	Sigma-Aldrich	#D6429	
Dulbecco's Phosphate Buffered Saline	Sigma-Aldrich	#D8537	
Epidermal Growth Factor	R&D Systems	#236-EG	
Falcon Cell Strainers 70 µm	FisherScientific	#352350	
Falcon Cell Strainers 40 µm	FisherScientific	#352340	
Fetal Bovine Serum	ThermoFisher Scientific	#12483-020	
Insulin-Transferrin-Selenium	Gibco	#41400-045	
Penicillin-Streptomycin	Sigma-Aldrich	#P4333	
Porcine testicular tissue	Sunterra Farms Ltd (Alberta, Canada)		
Steriflip-GP Sterile Centrifuge Tube Top Filter Unit	Millipore	#SCGP00525	
Trypsin-EDTA	Sigma	#T4049	