

Materials List for:

Identification, Histological Characterization, and Dissection of Mouse Prostate Lobes for In Vitro 3D Spheroid Culture Models

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URL: <https://www.jove.com/video/58397>

DOI: [doi:10.3791/58397](https://doi.org/10.3791/58397)

Materials

Name	Company	Catalog Number	Comments
Mouse surgical instruments (Mouse Dissecting kit)	World Precision Instruments	MOUSEKIT	
Dissection microscope			
RPMI medium	Thermofisher Scientific	11875093	
Dissection medium (DMEM + 10%FBS)	Thermofisher Scientific	11965-084	
Fetal Bovine Serum	Thermofisher Scientific	10438018	
PBS (Phosphate buffered saline)	Thermofisher Scientific	10010031	
Collagenase	Thermofisher Scientific	17018029	Make 10x stock (10mg/ml) in RPMI, filter sterilize, aliquot and store at -20 °C
Trypsin-EDTA (0.05%)	Thermofisher Scientific	25300054	
DNase I	Sigma-Aldrich	10104159001 ROCHE	
Syringes and Needles	Fisher Scientific		
Fisherbran Sterile Cell Strainers, 40µm	Fisher Scientific	22-363-547	
PrEGM BulletKit	Lonza	CC-3166	Add all componenets, aliquot and store at -20 °C.
Matrigel membrane matrix	Thermofisher Scientific	CB-40234	
Dispase II powder	Thermofisher Scientific	17105041	Make 10x stock (10mg/ml) in PrEGM, filter sterilize, aliquot and store at -20 °C