

Materials List for:

Isolation and Culture of Mouse Primary Pancreatic Acinar Cells

Johann Gout^{1,2,3,4,5}, Roxane M. Pommier^{1,2,3,4,5}, David F. Vincent^{1,2,3,4,5}, Bastien Kaniewski^{1,2,3,4,5}, Sylvie Martel^{1,2,3,4,5}, Ulrich Valcourt^{*1,2,3,4,5}, Laurent Bartholin^{*1,2,3,4,5}

¹INSERM U1052, Centre de Recherche en Cancérologie de Lyon

²CNRS UMR5286, Centre de Recherche en Cancérologie de Lyon

³Université de Lyon

⁴Université Lyon 1

⁵Centre Léon Bérard

* These authors contributed equally

Correspondence to: Laurent Bartholin at laurent.bartholin@lyon.unicancer.fr

URL: <https://www.jove.com/video/50514>

DOI: [doi:10.3791/50514](https://doi.org/10.3791/50514)

Materials

Name	Company	Catalog Number	Comments
0.2 µm filter	Dutscher	146560	
10 ml serological pipettes	Beckton Dickinson	357551	
100 µm filter	Beckton Dickinson	352360	
100 mm Petri dish	Beckton Dickinson	353003	
1000 µl filter tips	Starlab	S1122-1830	
20 µl filter tips	Starlab	S1120-1810	
200 µl filter tips	Starlab	S1120-8810	
25 ml serological pipettes	Beckton Dickinson	357535	
5 ml serological pipettes	Beckton Dickinson	357543	
50 ml polypropylene tube	Beckton Dickinson	352070	
6-well plate	Beckton Dickinson	353046	
Acetic acid 100%	VWR BDH Prolabo	20104.298	
Collagenase IA	Sigma-Aldrich	C2676	
Curved forceps, Dumont #7	World Precision Instruments	14188	To sterilize before use
Dissecting scissors, straight	World Precision Instruments	14393	To sterilize before use
Epidermal Growth Factor, human	Promokine	C-60180	
Ethanol absolute (AnalaR Normapur)	VWR BDH Prolabo	20821.310	
Fetal Bovine Serum	Lonza	14-801F	
Forceps, Dumont #5	World Precision Instruments	14098	To sterilize before use
Hank's Balanced Salt Solution 1x	Gibco	14025050	
HEPES 1 M (pH 6.98-7.30)	Lonza	17-737F	
Incubator O ₂ /CO ₂	Sanyo	MCO-19M	
Inverted microscope	Nikon	Eclipse TS100	
Matrigel	Beckton Dickinson	356234	
Microbiological Safety Cabinet, level II	Faster	SafeFast Elite 212 S	
Noyes scissors, sharp/sharp tips, German	World Precision Instruments	500228-G	To sterilize before use
Penicillin-Streptomycin mixture	Gibco	15140122	
Phosphate Buffer Saline 10x	Gibco	14200067	

Pipet-Aid	Drummond Scientific Company	Pipet-Aid XP	
Pipetman P1000	Gilson	F123602	
Pipetman P20	Gilson	F123600	
Pipetman P200	Gilson	F123601	
Refrigerated centrifuge	Eppendorf	5810R	
Scalpel	Paramount Surgimed Ltd.	Disposable Scalpel Size 23	
T25 flask, 25 cm ²	Sigma-Aldrich	Z707481	
Trypsin inhibitor, from <i>Glycine Max</i>	Sigma-Aldrich	T6522	
Type I collagen	Beckton Dickinson	354236	
Waymouth's medium	Gibco	31220-023	