

Materials List for:

Isolation and Characterization of Patient-derived Pancreatic Ductal Adenocarcinoma Organoid Models

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Materials

Name	Company	Catalog Number	Comments
12 channel pipette (p20, p100, or p200) with tips			
12 well plates	Olympus	25-106	
15 ml LoBind conical tubes	Eppendorf	EP0030122208	
15 ml tube Rotator and/or nutator			
37 °C CO ₂ incubator			
37 °C water bath			
384 well plates	Corning	4588	Ultra low attachment, black and optically clear
A 83-01	TOCRIS	2939	
ADV DMEM	ThermoFisher	12634010	
Animal-Free Recombinant Human EGF	Peprtech	AF-100-15	
Automated cell counter			
B27 supplement	ThermoFisher	17504044	
Cell Recovery Solution	Corning	354253	Reagent that depolymerizes the Basement Membrane Extract at 4 °C
CellTiterGlow	Promega	G7570	Luminescence cell viability reagent
Chloroform	Sigma	C2432	
Computer			
CryoStor CS10	StemCELL Tech	07930	Cell Freezing Solution
Cultrex R-spondin1 (Rspo1) Cells	Trevigen	3710-001-K	
DMEM	ATCC	30-2002	
DNase I	Sigma	D5025	
Drug printer	Tecan	D300e	This is the drug printer we use in our laboratory
Excel			For data analysis
Extra Fine Graefe Forceps	Fine Science Tools	11150-10	
FBS	ThermoFisher	16000044	
G-418	ThermoFisher	10131035	
Gastrin I (human)	TOCRIS	3006	
Gentle Collagenase/hyaluronidase	STEMCELL Tech	7919	
GlutaMAX	ThermoFisher	35050061	Glutamine solution
GraphPad Prism			For data analysis

HEPES	ThermoFisher	15140122	
Laminar flow tissue culture hood			
Luminometer			
L-Wnt-3A expressing cells	ATCC	CRL-2647	
MACS Tissue Storage Solution	Miltenyi biotec	130-100-008	
Matrigel Matrix	Corning	356230	Basement Membrane Extract (BME), growth factor reduced
Mr. Frosty Freezing Container	ThermoFisher	5100-0001	
N-Acetylcysteine	Sigma	A9165	
Nicotinamide	Sigma	N0636	
p1000 pipette with tips			
p200 pipette with tips			
PBS	ThermoFisher	10010049	
Penicillin/Streptomycin	ThermoFisher	15630080	
primocin	InvivoGen	ant-pm-2	
Rapid-Flow Filter Units (0.2 µm)	ThermoFisher	121-0020	
Recombinant Human FGF-10	Peptotech	100-26	
Recombinant Murine Noggin	Peptotech	250-38	
Sterile Disposable Scalpels, #10 Blade	VWR	89176-380	
Tissue culture centrifuge			
Tissue Culture Dishes 10 cm	Olympus	25-202	
TRIZol	ThermoFisher	15596018	Acid Phenol solution
TrypLE Express	ThermoFisher	12605010	
Y-27632	Sigma	Y0503	
Zeocin	ThermoFisher	R25001	