

Materials List for:

Establishment and Analysis of Tumor Slice Explants As a Prerequisite for Diagnostic Testing

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Materials

Name	Company	Catalog Number	Comments
Hank's Balanced salt solution (HBSS)	Sigma	H6648	
Penicillin Streptomycin solution	Thermo Fischer Scientific	15140-122	
Ham's F-12 medium	Thermo Fischer Scientific	21765-037	
Glucose	VWR	101174Y	
FBS	Thermo Fischer Scientific	10270-106	
Glutamine 200mM	Thermo Fischer Scientific	25030-024	
Cyanoacrylate adhesive (GLUture)	Abbott	32046-90-1	
Leica VT1200 S vibrating blade microtome	Leica Biosystems	14048142066	
Slicing blade	VWR	PERS60-0138	
Titanium grids	Albamma Research and Development	MA0036	
Slice incubation unit	Albamma Research and Development	MD2500	
10 cm tissue culture plate	Sarstedt	83.1802	
24-well plate	Sarstedt	83.1836	
6-well plate	Sarstedt	83.1839	
Neolus Hypodermic Needles	Terumo Neolus	NN2525R	
50 mL falcon tube	Greiner	227261	
PBS	Lonza	BE17-517Q	
Formaldehyde	Fisher	F/1501/PB08	
Trifold histo cassette paper	Cancer Diagnostics	DX26280	
Histo cassettes	VWR	720-2199	
KOS The microwave multifunctional tissue processor	Milestone SRL	CAT307EN-003	
Microtome	Thermo Fischer Scientific	HM355S	
Superfrost Ultra plus slides	VWR	631-0099	
BSA	Sigma	A2153	
NGS	Thermo Fischer Scientific	16210-064	
Citric acid	Sigma	C1909	
PT-Module	Thermo Fischer Scientific	A80400012	
Hematoxylin for H&E staining	Merck	1.09249.0500	
Hematoxylin for counter staining	Dako	S3309	
Eosin	Sigma	E4382	
NKX2-1 antibody	Abcam	ab133638	Lot Number: GR98031-12

pERK 1/2 antibody	Cell Signaling Technologies	CST 4370	Lot Number: 17
p4EBP1 antibody	Cell Signaling Technologies	CST 2855	Lot Number: 20
BrightVision poly-HRP Goat anti-rabbit secondary antibody	ImmunoLogic	VWRKDPVR-110HRP	
Mounting medicum pertex	VWR	MEDT41-4021-00	
DAB	ImmunoLogic	VWRKBSO4-110	
Dactolisib (NVP BEZ-235)	Selleckchem	S1009	
Selumetinib (AZD2644)	Selleckchem	S1008	
Pannoramic 250 slide scanner	3DHISTECH		
MATLAB	MathWorks		https://se.mathworks.com/products/matlab.html
3DHISTECH PANNORAMIC VIEWER	3DHISTECH		https://www.3dhistech.com/pannорamic_viewer
Adobe Photoshop CS6	Adobe		https://www.adobe.com/products/photoshop.html?sdid=KKQIN&mv=search&s_kwcid=AL!3085!3!247821564908!e!!g!!adobe%20photoshop&ef_id=U8T1GwAABVTK3gDR
Fiji-ImageJ	ImageJ		https://imagej.net/Fiji
CellProfiler	CellProfiler cell image analysis software		http://cellprofiler.org/