

Materials List for

A Hepatocellular Cancer Patient-derived Organoid Xenograft Model to Investigate Impact of Liver Regeneration on Tumor Growth

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Materials

Name	Company	Catalog Number	Comments
Advanced DMEM/F12 (adDMEM/F12)	Life Technologies	12634-034	
Bovine Serum Albumin (BSA)	Sigma-Aldrich	A3733-50G	
Bupaq Buprenorphinum 0.3 mg pro 1 mL	Streuli Tiergesundheit AG	1121915AB	
Centrifuge 5810R	Eppendorf		
Collagenase IV	Worthington	LS004189	
Corning Matrigel Growth Factor Reduced (GFR) Basement Membrane Matrix (10 mL)	Corning (Merk)	CLS356231-1EA	
Countess II Automated Cell Counter	Thermo Fisher		
Deoxyribonuclease I Type IV from Bovine (DNase)	Sigma-Aldrich	D5025-150KU	
DMEM (1x)	Gibco	41965-039	
DPBS, no calcium, no magnesium (500 mL)	Gibco	14190-094	
Fetal Bovine Serum (FBS) (South America). Heat Inactivated – (500 mL)	Lubio Science	S181H-500	
Glutamax (100x)	Gibco	9149793	
Grant SUB Aqua Pro Water Bath	Grant Instruments		
HEPES (1 M)	Thermo Fisher	15630056	
Histogel	Thermo Fisher	R904012	specimen-processing gel

Hyaluronidase Type IV from sheep (Tested)	Sigma-Aldrich	H6254-500MG	
Inverted Microscope Olympus CKX53	Olympus		
MacsMix Tube Rotator	Miltenyi Biotec		
Penicillin-Streptomycin-Glutamine (100x)	Gibco	10378-016	
Red Blood Cell Lysis	Roche	11814389001	
RPMI 1640 Medium	Gibco	72400-021	
Trypsin-EDTA (0.25%), phenol red (100 mL)	Gibco	25200-056	
Vitaris CO ₂ Incubator	Vitaris AG		
Y-27632 dihydrochloride (Rock Inhibitor)	Abmole Bioscience	M1817	