

Materials List for:

# A Melanoma Patient-Derived Xenograft Model

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## Materials

Name	Company	Catalog Number	Comments
1 M Hepes	SIGMA-ALDRICH CORPORATION	Cat # H0887-100ML	
100x PenStrep	Invitrogen	Cat # 15140163	
1x HBSS-/- (w/o Ca++ or Mg++)	MED	Cat # MT21-023-CV	
2.5% Trypsin	SIGMA-ALDRICH CORPORATION	Cat # T4549-100ML	10 mL aliquots stored at -20oC
BSA	SIGMA-ALDRICH CORPORATION	Cat # A9418-500G	
Chlorhexidine	Fisher Scientific	Cat# 50-118-0313	
Collagenase IV (2,000 u/mL)	Worthington	Cat #4189	make up in HBSS-/- from Collagenase IV powder stock (Worthington #4189, u/mg indicated on bottle and varies with each lot); freeze 1
DMSO	SIGMA-ALDRICH CORPORATION	Cat # C6295-50ML	
DNase	SIGMA-ALDRICH CORPORATION	Cat # D4527	
EGTA (ethylene glycol bis(2-aminoethyl ether)-N,N,N',N'-tetraacetic acid)	Merck	Cat # 324626.25	
FBS	INVITROGEN LIFE TECHNOLOGIES	Cat # 16000-044	
Fungizone	INVITROGEN LIFE TECHNOLOGIES	Cat # 15290-018	
Gentamicin	FISHER SCIENTIFIC	Cat # BW17518Z	
Isoflurane	HENRY SCHEIN ANIMAL HEALTH	Cat # 050031	
Leibovitz's L15 media	Invitrogen	Cat # 21083027	
Matrigel	Corning	Cat # 354230	Artificial extracellular matrix
Meloxicam	HENRY SCHEIN ANIMAL HEALTH Requisition # ::Henry Schein	Cat # 025115	1-5mg/kg, as painkiller
NOD/SCID/IL2-receptor null (NSG) Mice	The Wistar Institute, animal facility		breeding
PVA (polyvinyl alcohol)	SIGMA-ALDRICH CORPORATION	Cat # P8136-250G	
RPMI 1640 Medium (Mod.) 1X with L-Glutamine	Fisher Scientific	Cat# MT10041CM	
Scalpel	Feather	Cat # 2976-22	
Virkon	GALLARD-SCHLESINGER IND	Cat # 222-01-06	
Wound clips	MikRon	Cat #427631	