

Materials List for:

Primary Orthotopic Glioma Xenografts Recapitulate Infiltrative Growth and Isocitrate Dehydrogenase I Mutation

J. Geraldo Valadez¹, Anuraag Sarangi¹, Christopher J. Lundberg¹, Michael K. Cooper^{1,2,3}

¹Department of Neurology, Vanderbilt University Medical Center

²Vanderbilt Ingram Cancer Center, Vanderbilt University Medical Center

³Neurology Service, Veteran Affairs TVHS

Correspondence to: Michael K. Cooper at michael.cooper@vanderbilt.edu

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Materials

Name	Company	Catalog Number	Comments
Phosphate buffered saline	Life Technologies	14040-133	
Papain dissociation system	Worthington Biochemical Corp.	LK003150	
Trypan blue solution 0.4%	Life Technologies	15250061	
Ketamine HCl	Obtained from institutional pharmacy or local veterinary supply company		
Xylazine HCl			
Ketoprofen			
Ophthalmic ointment			
Povidone-iodine	Fisher Scientific	190061617	
Cryopreservation medium and proliferation supplement	StemCell Technologies	05751	
0.2% Heparin sodium salt in PBS	StemCell Technologies	07980	
Penicillin-streptomycin	Life Technologies	15140-122	
Dimethyl sulfoxide	Sigma-Aldrich	D6250-5X10ML	
NOD.Cg-Prkdc ^{scid} l/2rg ^{tm1Wjl} /SzJ mice	The Jackson Laboratory	005557	NSG mice
Anti-human vimentin antibody	Dako	M7020	Use 1:200 to 1:800
Anti-human IDH1 R132H antibody	Dianova	DIA-H09	Use 1:100 to 1:400
Centrifuge with swinging bucket rotor			
Pipetter with dispensing speed control			
Disposable hemocytometer	Fisher Scientific	22-600-100	
Sterile surgical gloves	Fisher Scientific	11-388128	
Disposable gown	Fisher Scientific	18-567	

Surgical mask	Fisher Scientific	19-120-1256	
Tuberculin syringe	BD	305620	
Alcohol pads	Fisher Scientific	22-246-073	
Portable electronic scale	Fisher Scientific	01-919-33	
Zoom stereomicroscope			
Surgical clipper	Stoelting	51465	
Scalpel handle	Fine Science Tools	10003-12	
Scalpel blades, #10			
Stereotaxic instrument	Stoelting	51730	
High-speed drill	Stoelting	51449	
Drill bit, 0.6 mm	Stoelting	514552	
Hamilton syringe	Hamilton	80336	
Autoclip, 9 mm	BD	427630	
Circulating water warming pad	Kent Scientific	TP-700 TP-1215EA	
Hot bead dry sterilizer	Kent Scientific	INS300850	
Surgical scissors	Fine Science Tools	14101-14	
Fine scissors	Fine Science Tools	14094-11	
Spring scissors	Fine Science Tools	15018-10	
Dumont forceps	Fine Science Tools	11251-30	
Semimicro spatulas	Fisher Scientific	14374	
Mouse brain slicer matrix	Zivic Instruments	BSMAS002-1	
Cryogenic storage vials	Fisher Scientific	12-567-501	