Materials List for

Implementation of Minimally Invasive Brain Tumor Resection in Rodents for High Viability Tissue Collection

Safwan Alomari[1], **Jayanidhi Kedda**[1], **Adarsha P. Malla**[2,3], **Victor Pacis**[1], **Pavlos Anastasiadis**[2,3], **Su Xu**[4], **Emylee McFarland**[2,3], **Lilia Sukhon**[1], **Bruno Gallo**[5], **Jordina Rincon-Torroella**[1], **Netanel Ben-Shalom**[1], **Heather M. Ames**[3,6], **Henry Brem**[1,7], **Graeme F. Woodworth**[2,3], **Betty Tyler**[1]

[1]Department of Neurosurgery, Johns Hopkins University School of Medicine [2]Department of Neurosurgery, University of Maryland School of Medicine [3]Marlene and Stewart Greenebaum Comprehensive Cancer Center, University of Maryland School of Medicine [4]Diagnostic Radiology and Nuclear Medicine, University of Maryland School of Medicine [5]Pontifical Catholic University of Parana [6]Department of Pathology, University of Maryland School of Medicine [7]Departments of Ophthalmology, Oncology and Biomedical Engineering, Johns Hopkins University School of Medicine

Corresponding Author

Betty Tyler
btyler@jhmi.edu

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Materials

Name	Company	Catalog Number	Comments
1 mL syringes	BD	309628	
15 mL conical tubes	Corning	430052	
200 proof ethanol	PharmCo	111000200	
5 mL pipettes	CoStar	4487	
70 micron filter	Fisher	08-771-2	
Accutase	Millipore Sigma	SIG-SCR005	
Anased (Xylazine injection, 100 mg/mL)	Covetrus	33198	
Anesthesia System	Patterson Scientific	78935903	
Anesthesic Gas Waste Container	Patterson Scientific	78909457	
Bench protector underpad	Covidien	10328	
C57Bl/6, 6-8 week old mice	Charles River Laboratories	Strain Code 027	
ChroMini Pro	Moser	Type 1591-Q	
Collagenase-Dispase	Roche	#10269638001	
Countess II Automated Cell Counter	Thermo Fisher		
Countess II FL Hemacytometer	Thermo Fisher	A25750	
Debris Removal Solution	Miltenyi Biotech	#130-109-398	
D-Luciferin	Goldbio	LUCK-1G	
DMEM F12 media	Corning	10-090-CV	
DMEM media	Corning	10-013-CV	
DNAse I	Sigma Aldrich	#10104159001	
Eppendorf tubes	Posi-Click	1149K01	

Euthanasia solution	Henry Schein	71073	
FBS	Millipore Sigma	F4135	
Fetal Bovine Serum	Thermo Fisher	10437-028	
Formalin	Invitrogen	INV-28906	
Gauze	Henry Schein	101-4336	
hEGF	PeproTech EC	100-15	
Heparin	Sigma	H-3149	
hFGF-b	PeproTech EC	1001-18B	
Induction Chamber	Patterson Scientific	78933388	
Isoflurane	Covetrus	11695-6777-2	
Isoflurane Vaporizer	Patterson Scientific	78916954	
Ketamine	Covetrus	11695-0703-1	
Kopf Stereotactic frame	Kopf Instruments	5001	
Lightfield Microscope	BioTek	Cytation 5	
Microinjection Unit	Kopf	5001	
Micromotor drill	Foredom	F210418	
MRI system	Bruker	7T Biospec Avance III MRI Scanner	
NICO Myriad System	NICO Corporation		
Ophthalmic ointment	Puralube vet ointment		
Papain	Sigma Aldrich	#P4762	
PBS	Invitrogen	#14190250	
PenStrep	Millipore Sigma	N1638	
Percoll solution	Sigma Aldrich	#P4937	
Pipette controller	Falcon	A07260	
Povidone-iodine solution	Aplicare	52380-1905-08	
Progesterone	Sigma	P-8783	
Putrescine	Sigma	P-5780	
RPMI Media	Invitrogen	INV-72400120	
Scalpel blade	Covetrus	7319	
Scalpel handle	Fine Science Tools	91003-12	
Skin marker	Time Out	D538,851	
Staple remover	MikRon	ACR9MM	
Stapler	MikRon	ACA9MM	
Staples	Clay Adams	427631	
Stereotactic Frame	Kopf Instruments	5000	
Sucrose	Sigma Aldrich	S9378	
Suture, vicryl 4-0	Ethicon	J494H	
T-75 culture flask	Sarstedt	83-3911-002	
TheraPEAKTM ACK Lysing Buffer (1x)	Lonza	BP10-548E	
Trypsin-EDTA	Corning	MDT-25-053-CI	