

Materials List for:

Intracranial Implantation with Subsequent 3D *In Vivo* Bioluminescent Imaging of Murine Gliomas

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Materials

Name	Company	Catalog Number	Comments
GL261-luc2 Bioware Ultra	Caliper Life Sciences	GL261-luc2	
Dulbecco's Modified Eagle Medium (DMEM)	Invitrogen	10313039	
Geneticin (G418)	GIBCO, by Life Technologies	11811-023	
Fetal Calf Serum (FCS)	Invitrogen	26140079	
Phosphate Buffered Saline (PBS)	Invitrogen	70011044	
C57BL/6-cBrd/cBrd/Cr Mice	National Cancer Institute		
AKWA Tears Lubricant Ophthalmic Ointment	Akorn Inc	17478-062-35	
Ketaset (ketamine hydrochloride)	Wyeth Animal Health	11570775	
Sedazine (xylazine hydrochloride)	Wyeth Animal Health	10031894	
Small Animal Stereotaxic Instrument	Kopf Instruments	900	
UltraMicroPump with SYS-Micro4 Controller	World Precision Instruments, Inc.	UMP3-1	If not available, it is possible to infuse manually
10µl syringe with 26 gauge beveled needle	World Precision Instruments, Inc.	SGE010RNS	
Adison Forceps	World Precision Instruments, Inc.	500092	
Penfield Dissector	Codman	65-1015	
16g 1½ Precision Glide Needle	BD Biosciences	305198	
Surgical Blade Handle	BD Biosciences	371030	
Size 15 Blade	BD Biosciences	371315	
4-0 Vicryl Suture	Ethicon Inc.	VCP496G	
Bone Wax	Medline Industries	DYNJBW25	
Povidine-Iodine Swab Sticks	Medline Industries	MD93901	
D-Luciferin Potassium Salt	Caliper Life Sciences	122796	
Forane (Isoflurane)	Baxter International Inc.	1001936060	
OPMI Pentero Microscope	Carl Zeiss, Inc.		Any surgical microscope will suffice
Xenogen IVIS Spectrum with optional anesthesia system	Caliper Life Sciences		