

Materials List for:

# Imaging Glioma Initiation *In Vivo* Through a Polished and Reinforced Thin-skull Cranial Window

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URL: <https://www.jove.com/video/4201>

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## Materials

Name	Company	Catalog Number	Comments
DMEM/F12(1:1) with Sodium Pyruvate	Thermo Sci Hyclone	SH3026101	
B-27 Serum Free Supplement (50x)	Invitrogen	17504-044	
GlutaMax-1 Supplement	Invitrogen	35050061	
Penicillin-Streptomycin Solution	Thermo Sci Hyclone	SV30010	
Accutase-Enzyme Cell Detachment Medium	eBioscience	00-4555-56	
T25 flasks-vent cap green	Sarstedt Ltd	83.1810.502	
70% alcohol	JAX LAHS		
10% povidone-iodine topical solution	JAX LAHS		
Ketamine HCl	Butler Animal Health Supply	NDC# 11695-0550-1	
Xylazine	Akorn, Inc.	NADA# 139-236	
Carprofen	JAX LAHS		
Ophthalmic ointment	Dechra Veterinary Products	17033-211-38	
0.5% Lidocaine HCl	REGENT, Inc.	NDC 0517-0625-25	
Cyanoacrylate glue	Henkel Corp	46551	
Sterile Swabs	Fisher Scientific	23-400-114	
Diamond paste	Widget Supply	BBE60	
Tin oxide	LORTONE, Inc.	591-038	
Liner Bond 2V	KURARAY Medical Inc.	1921-KA	
Clearfil AP-X	KURARAY Medical Inc.	1721-KA	
Saline	JAX LAHS		
Cover glass	Warner Instruments	64-0720	
Hex Nut	Small Parts, Inc.	HNX-0090-C	
Syringe Pump	Syringepump.com	NE-1000	
Two-Photon imaging system	Custom built (Any commercial system would work)		