

Materials List for:

A Novel High-resolution *In vivo* Imaging Technique to Study the Dynamic Response of Intracranial Structures to Tumor Growth and Therapeutics

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Materials

Name	Company	Catalog Number	Comments
Reagent			
NODSCID mice	Jackson Lab	001303	8 week old
B5/EGFP Mice	Jackson Lab	003516	
ACTB/DsRED mice	Jackson Lab	005441	
Tear Gel	Novartis	T296/2	
2% Lidocaine-Epinephrine	Bimeda MTC	25SP	Use neat
Vetbond	3M	1469SB	
Self curing acrylic kit	Bosworth	166260	Use ~30% (w/v)
10K MW Dextran-Alexa647	Invitrogen	D22914	Use @ 0.6 mg/kg in Saline
CD31-APC	BDPharmingen	551262	Use @ 0.3 mg/kg in Saline
AK-fluor (Fluorescein) 10%	AKORN inc.	NDC 17478-253-10	Use @ 7.7 mg/kg in Saline
Betadine solution	Purdue Products	NDC 67618-150	
Equipment			
Fine Tweezers	VWR	82027-402	
Fine Dissection Scissors	VWR	25870-002	
22G Needle	BD	305156	
27G 0.5 ml TB syringe	BD	305620	
Handheld Micro-Drill	Fine Science Tools	18000-17	
2.7 mm Trephine drillbit	Fine Science Tools	18004-27	
10 µl 30G Hamilton syringe	Sigma Aldrich	20909-U	
Glass Coverslip 3 mm	Warner Instruments	64-0720 CS-3R	
Fluorescence goggles	BLS	FHS/T01	Basic head frame
Stereotaxic frame	stoelting	51950	
Mouse restrainer for IV injection	Brain Tree Lifescience	MTI	