

Materials List for:

# Live Imaging of Dorsal Root Axons after Rhizotomy

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## Materials

Name	Company	Catalog Number	Comments
H line <i>thy1</i> -YFP (2-4 months old, either sex)	Jackson Laboratory	003782	
Xylazine (AnaSed injection, sterile solution)	Lloyd, Inc.	4811	8 mg/kg
Ketamine (Ketamine hydrochloride injection, USP)	Hospira Inc.	2051	120 mg/kg
Buprenorphine (Buprenex injectable) (0.05 mg/kg)	Reckitt Benckiser	7571	
Small animal hair clippers	Oster Professional Products	76059-030	
Hair removal lotion	Church & Dwight Co.	NAIR with Baby Oil	
Gauze sponges	Fisher Scientific	22-362-173	
Cotton-tipped swabs	Fisher Scientific	14-960-3Q	
1 mL syringes	BD Biosciences	309602	
Subcutaneous (Sub-Q) needles, 26ga.	BD Biosciences	305115	
Spring scissors and forceps	Fine Science Tools		
2.5-mm curved rongeurs	Fine Science Tools	16221-14	
Lactated Ringer's Injection USP	B. Braun Medical	BBR-L7502	
Sterile saline solution	APP Pharmaceuticals	918610	
Thin synthetic matrix membrane (Biobrane)	Bertek Pharmaceuticals	62794-096-251	
Artificial dura	Gore Preclude MVP Dura Substitute, W.L. Gore and Associates	1MVP40	
5-0 silk sutures	Ethicon Inc.	K-580	
Wound clips	Perfect - Ets Bruneau, (Burnea, France)	A75	
Fluorescent stereomicroscope	Leica Microsystems	MZ16	
CCD camera	Hamamatsu Corp.	ORCA-Rx2	
Temperature Controller	World Precision Instruments, Inc.	ATC 1000	
Metamorph software	Molecular Devices		
Photoshop	Adobe		