

Materials List for:

Long-term Potentiation of Perforant Pathway-dentate Gyrus Synapse in Freely Behaving Mice

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URL: <https://www.jove.com/video/50642>

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Materials

Name	Company	Catalog Number	Comments
Ketamine (100 mg/ml)	Henry Schein	10177	
Xylazine (20 mg/ml)	Henry Schein	33197	
Acepromazine (10 mg/ml)	Henry Schein	2177	
Dental acrylic powder	Lang Dental Manufacturing Co.	1330CLR	
Dental acrylic liquid	Lang Dental Manufacturing Co.	1306CLR	
Tungsten wire (0.127 mm)	World Precision Instruments	TGW0515	
Stainless Steel Hypodermic Tubing (0.286 mm)	World Precision Instruments	832400	
Flunixin (50 mg/ml)	Henry Schein	14165	
Epoxylite	Superior Essex	EP 6001-M	
Stainless steel wire insert (0.2 mm)	World Precision Instruments	792900	
Stereotaxic frame apparatus	Kopf Instruments	Model 902	
Ear cuffs (ear cups)	Kopf Instruments	Model 921	
Electrophysiological stimulator	Astro-Med, Inc.	S88	
Digital oscilloscope	B K Precision Corp.	2542	
Current isolation unit	Astro-Med, Inc.	PSIU-6	
Differential amplifier	World Precision Instruments, Inc.	DAM-50	
Commutator	Plastics One	SLC6	
Dental drill	Stoelting	58650	