

Materials List for:

# Presynaptic Dopamine Dynamics in Striatal Brain Slices with Fast-scan Cyclic Voltammetry

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URL: <https://www.jove.com/video/3464>

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## Materials

Name	Company	Catalog Number	Comments
Potassium Chloride	Fisher Scientific	7447407	
Sodium chloride	EMD Millipore	7647145	
Magnesium chloride	Fisher Scientific	7791186	
Calcium chloride	Fisher Scientific	10035048	
Sodium bicarbonate	EMD Millipore	144558	
Sodium phosphate,Dibasic	EMD Millipore	7558794	
D-glucose	Fisher Scientific	50997	
Ascorbic acid	Fisher Scientific	50817	
Sucrose	Fisher Scientific	57501	
Carbon fiber	Goodfellow		
Glass capillary	A-M Systems	602000	
Silver wire	A-M Systems	787000	
Tungsten stimulating electrode	Plastics One		
Platinum wire			
Lead wire	Squires Electronics, Cornelius, OR		
Loctite 404 instant adhesive	Hankal Corp.		
Razor blade	World Precision Instruments, Inc.		
BD Spinal needle	BD Biosciences	REF 405234	
Surgical Blade	Feather Safety Razor Co, Ltd.		
TH software	ESA Inc.,Chelmsford, MA		
Submersion recording chamber	Custom Scientific		
Neurolog stimulus isolator	 Digitimer Ltd.	NL800A	
Automatic temperature controller	Warner Instruments		
Microscope (SZX7)	Olympus Corporation		
Microscope	Fisher Scientific		
Vibratome 3000 sectioning system	St. Louis , MO.		
Perfusion pump	Watson-Marlow Pumps Group	H110708	
Micropipette puller	Narishige International		
ChemClamp potentiostat	Dagan Corporations		