

**Materials List for:**

# Simultaneous Whole-cell Recordings from Photoreceptors and Second-order Neurons in an Amphibian Retinal Slice Preparation

Matthew J. Van Hook<sup>1</sup>, Wallace B. Thoreson<sup>1,2</sup>

<sup>1</sup>Department of Ophthalmology and Visual Sciences, University of Nebraska Medical Center

<sup>2</sup>Department of Pharmacology and Experimental Neuroscience, University of Nebraska Medical Center

Correspondence to: Matthew J. Van Hook at [matt.vanhook@unmc.edu](mailto:matt.vanhook@unmc.edu)

URL: <https://www.jove.com/video/50007>

DOI: [doi:10.3791/50007](https://doi.org/10.3791/50007)

## Materials

Name	Company	Catalog Number	Comments
Tissue slicer	Stoelting	51425	
Double edge razor blades	Ted Pella, Inc	121-6	
Nitrocellulose membranes	Millipore	AAWP02500	Type AAWP 0.8 mm pore
Borosilicate glass pipettes	World Precision Instruments	TW120F-4	1.2mm OD 0.95 mm ID
Ag/AgCl pellet	Warner	E206	
MicroFil	World Precision Instruments	MF34G-5	34 ga. Filling needle, 67 mm long