

Materials List for:

# Drosophila Larval NMJ Dissection

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URL: <https://www.jove.com/video/1107>

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## Materials

Name	Company	Catalog Number	Comments
Stereomicroscope "Stemi" 2000	Carl Zeiss, Inc.	495101-9804-000	
Light Source KL 1500 LCD	Carl Zeiss, Inc.	000000-1063-181	
3mm Vannas Spring Scissors	Fine Science Tools	15000-0	
Dumont SS Forceps	Fine Science Tools	11200-33	Long forceps
Dumont #5 Forceps	Fine Science Tools	11252-20	Short forceps
SylGard 182 Silicone Elastomer Kit	Dow Corning	3097358-1004	Used to make dissection plates
Formaldehyde	Sigma-Aldrich	252549-25ML	
Stainless Steel Minutien Pins -0.1 MM Diameter	Fine Science Tools	26002-10	
HL3 Dissection Buffer: (in mM) 70 NaCl, 5 KCl, 0.2 CaCl <sub>2</sub> , 20 MgCl <sub>2</sub> , 10 NaHCO <sub>3</sub> , 5 trehalose, 115 sucrose, and 5 HEPES, pH 7.3.			
Sylgard Dissecting Plate: Mix gently (to avoid bubbles) 10:1 in a beaker. Pour mixture into Petri dish (any size). Allow SylGard to cure overnight in 37C incubator.			
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