

Materials List for:

Microdissection of Black Widow Spider Silk-producing Glands

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URL: <https://www.jove.com/video/2382>

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Materials

| Name | Company | Catalog Number | Comments |
|----------------------------------|-----------------------------------|--------------------|--|
| Sodium chloride | Electron Microscopy Sciences | SX0420-1 | 0.1 M in water |
| Diethyl pyrocarbonate | Sigma-Aldrich | D-5758 - 5 ml | 0.1% v/v |
| Sodium citrate | Sigma-Aldrich | S1804 - 1 kg | 0.015 M in water |
| Dissecting microscope | Leica Microsystems | Leica MZ16 | |
| Digital microscope camera | Leica Microsystems | DFC320 | Software - Leica Application Suite v2.8.1 |
| Vannas scissors | World Precision Instruments, Inc. | 500260 | |
| Stainless steel forceps | World Precision Instruments, Inc. | 501764 | Mini Dumont #M5S |
| Insect pins | Indigo Instruments | 33414-2 | Insect pins #2 |
| Small or large dissection dishes | Living Systems Instrumentation | DD-50-S or DD-90-S | 52 mm diameter x 18 mm H (Sylgard Depth ~6mm) or 93 mm x 22 mm |
| <i>Drosophila</i> culture vials | Carolina Biological | FR-17-3076 | Size is 31.75 mm diameter x 101.6 mm |