

Materials List for:

# Extraction of Venom and Venom Gland Microdissections from Spiders for Proteomic and Transcriptomic Analyses

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URL: <https://www.jove.com/video/51618>

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## Materials

Name	Company	Catalog Number	Comments
Nerve and muscle stimulator (electro-stimulator)	Grass Technologies	SD9	<a href="http://www.grasstechnologies.com/products/stimulators/stimsd9.html">http://www.grasstechnologies.com/products/stimulators/stimsd9.html</a>
Voltmeter	RadioShack	22-223	any generic voltmeter/multimeter can be substituted
Pointed Featherweight Forceps	Bioquip	4748	
Plasti Dip	Performix		Available at Ace Hardware
25 G x 1½ in Precision Glide hypodermic syringe needle	BD Medical	305127	
Vacuum filter flask 1 L	Nalgene	DS4101-1000	smaller flask sizes may also work
Buchner Two Piece funnel, 90 mm	Nalgene	4280-0900	
5 µl Capillary Bores (Micro capillaries)	VWR	53508-375	
Mounting putty strip	Loctite		Available at Ace Hardware
Fisherbrand General-Purpose Extra-Long Forceps Length: 11-13/16 in.	Fisher	10-316C	
SSC Buffer, 20x (pH 7.0), Molecular Grade	Promega	V4261	can be made from stock chemicals (150 mM NaCl, 15 mM sodium citrate)
Eppendorf safe-lock tubes 0.5 ml tubes (cryogenic safe)	Eppendorf	22363611	
Nalgene Dewar, 1 L, HDPE, Liquid nitrogen benchtop flask	Thermo Scientific	4150-1000	
Rnase Away	VWR	53225-514	
Ultra Fine Tweezers (dissecting forceps)	EMS	78310-0	similar high-quality fine point forceps can be substituted
Foot switch/pedal	Linemaster Switch Corp.	491-S	
Two-pronged extension clamp, with vinyl covered sleeves, 8.5 inches	VWR	21570-007	similar models could be substituted
Clamp Holder	VWR	89084-746	similar models could be substituted, must accommodate diameter of extension clamp rod
Magnetic base (holds extension clamp via clamp holder)	VWR	300042-270	similar apparatus able to securely hold extension clamp in fixed position may be substituted
Plastic Collecting Vials (large/40 dram)	Bioquip	8940	
Cotton sewing thread	Joann fabric and craft store	7245855	similar product could be substituted