

Materials List for:

# A Rapid and Efficient Method to Dissect Pupal Wings of *Drosophila* Suitable for Immunodetections or PCR Assays

Carmen Bolatto<sup>1</sup>, Cristina Parada<sup>1</sup>, Victoria Colmenares<sup>1</sup>

<sup>1</sup>Departamento de Histología y Embriología, Facultad de Medicina, Laboratorio de Biología del Desarrollo

Correspondence to: Carmen Bolatto at [cbolatto@med.edu.uy](mailto:cbolatto@med.edu.uy)

URL: <https://www.jove.com/video/55854>

DOI: [doi:10.3791/55854](https://doi.org/10.3791/55854)

## Materials

Name	Company	Catalog Number	Comments
Stereomicroscope with cool light illumination	Nikon	SMZ1000	
Rocking platform	Biometra (WT 16)	042-500	
Microscope slides	StarFrost	8037/1	
Cover glasses (24 x 32 mm)	Deltalab	D102432	
Forceps	F.S.T	11252-00	
Scissors	Lawton	63-1400	
Multi-well plastic dish	Thermo Scientific	144444	
p100 or p200 pipette	Finnpipette (Labsystems)	9400130	
1X PBS (Dulbecco)	Gibco	21600-010	
4% paraformaldehyde	Sigma	158127	
Triton X-100	Sigma	T8787	
BSA	Bio Basic INC.	9048-46-8	
Glycerol	Mallinckrodt	5092	
Tris	Amresco	497	
TRIzol Reagent	Ambion	15596026	
DEPC treated water	MO.BIO	17011-200	
Alexa Fluor 546 goat anti-mouse IgG (H+L), 2 mg/mL (working dilution 1/800)	Invitrogen	A11030	
Monoclonal anti-Ptc (Apa-1) 54 µg/mL (working dilution 1/100)	Developmental Studies Hybridoma Bank (DSHB)		By Isabel Gerrero from DSHB under the auspices of the NICHD and maintained by The University of Iowa, Department of Biological Sciences, Iowa City, IA 52242.
DAPI, 1 mg/mL (working dilution 1/5000)	Invitrogen	62248	
Phalloidin conjugated to Alexa 488, 300 U/1.5 mL methanol (1/600 working dilution)	Invitrogen	A12379	
Canton S (fly stock)	Bloomington Drosophila Stock Center		