

Materials List for:

Dissection and Staining of *Drosophila* Pupal Ovaries

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Materials

Name	Company	Catalog Number	Comments
Dumont #5 Forceps, biology	Fine Scientific Tools	11252-20	
Nunc Lab-Tek Chambered Coverglass	Thermo Fisher Scientific	155383	
Dissection microscope	Nikon	SMZ-10A	
Confocal Microscope	Carl Zeiss	LSM 700	
Analysis software	Carl Zeiss	Zen	
9 Depression Glass Spot Plates	Pyrex	7220-85	
Pasteur pipet	Fisher Scientific	13-678-6B	
Pasteur pipet bulb	Various vendors		
Bunsen burner	Various vendors		
Fisherfinest Premium Frosted Microscope Slides	Thermo Fisher Scientific	12-544-2	
22 x 22 mm glass coverslips No 1	VWR	48366-067	
Dapi Fluoromount-G	SouthernBiotech	0100-20	
Double-sided tape	Scotch		
Nutator	Clay Adams		
Fine brush #0, #3-#5	Various vendors		
Gilson Pipetman Starter Kit	Thomas Scientific	F167300	Contains p20, p200, p1000 pipettors
16% Paraformaldehyde	Electron Microscopy Sciences	15710	Dilute to 4% paraformaldehyde in 1x PBS
Triton	Sigma-Aldrich	9002-93-1	
10x PBS	Ambion	AM9624	Dilute to 1x PBS
Normal Goat Serum	Jackson ImmunoResearch	5000121	Dilute to 10% normal goat serum in PBST with 0.5% Triton concentration
Primary antibodies (in protocol: 7G10 anti-Fascilin III diluted 1:250, rabbit anti-phosphohistone H3 diluted 1:1000)	Various vendors (in protocol: Developmental Studies Hybridoma Bank, Millipore)		Dilute in PBST with 0.5% Triton concentration
Secondary antibodies (in protocol: Alexa-546, FITC-conjugated anti-rabbit serum)	Various vendors (in protocol: Molecular Probes, Jackson ImmunoResearch Laboratories, Inc.)		Dilute in PBST with 0.5% Triton concentration
Fly vials	Denville Scientific	V9406	
Cotton Balls, For Wide Vials	Genesee Scientific	51-102W	
Yeast, Bakers Dried Active	MP Biomedicals	101400	
Fly food	Produced in laboratory		Mixture of water, brewer's yeast, cornmeal, molasses, agar, EtOH,

			penicillin, methyl 4-hydrobenzoate, and propionic acid
Male and female <i>Drosophila</i> flies (genotype used in protocol: yw; P[Fz3-RFP, w+]/TM2)	Bloomington Drosophila Stock Center		