

Materials List for:

# Live Imaging of *Drosophila* Larval Neuroblasts

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## Materials

Name	Company	Catalog Number	Comments
Lumox tissue culture dish 50 x 12 mm	Sarstedt	94.6077.410	A reusable culture dish with a gas-permeable and optically clear film base.
Schneider's S2 Medium	Invitrogen	21720-024	
Gibco Antibiotic-Antimycotic (100x)	Invitrogen	15240-062	A supplement containing penicillin (10,000 U/ml), streptomycin (10,000 µg/ml), and amphotericin B (25 µg/ml) that is added to Schneider's S2 media to prevent bacterial and fungal contamination.
Glass coverslips, #1.5 22 x 22 mm	Fisher Scientific	12-541-B	
Halocarbon oil 700	Sigma-Aldrich	H8898	A high viscosity inert oil that is clear and colorless.
Pair of nickel-plated pin holders, 17 cm long	Fine Science Tools	26018-17	
Pair of Dumont #5 Forceps	Fine Science Tools	11252-20	
Dissecting needle/probe with plastic handle	Fisher Scientific	08-965-A	
Syringe filter, 0.22 µm pore size	Fisher Scientific	09-719A	
Syringe, 5 ml	BD Biosciences	309646	
Plastic transfer pipette	Fisher Scientific	S30467-1	
Paraformaldehyde, 32% EM-grade	Electron Microscopy Sciences	15714	CAUTION: Formaldehyde is toxic; it should be handled in a fume hood. Follow MSDS guidelines for safe handling.
DAPI (4',6-diamidino-2-phenylindole, dihydrochloride)	Invitrogen	D1306	A dye that labels DNA and is excited by UV light.