

Visualizing Low-Abundance Proteins and Post-Translational Modifications in Living *Drosophila* Embryos via Fluorescent Antibody Injection

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Materials

Name	Company	Catalog Number	Comments
Agarose	Sangon Biotech	A620014	
Alexa Fluor 594 Antibody Labeling Kit	Invitrogen	A20185	Purification column from step 1.6 is included in this kit
Biological Microscope	SOPTOP	EX20	Eyepiece lens: PL 10X/20. Objective lens: 10x/0.25
Bleach	Clorox®		
Borosilicate Glass Capillaries	World Precision Instruments	TW100F-4	
Centrifuge	Eppendorf	5245	
Cell Strainer	FALCON	352350	
Desiccation chamber	LOCK&LOCK	HSM8200	320ml
Dissecting Microscope	Mshot	MZ62	Eyepiece lens: WF10X/22mm.
Double-sided Tape	Scotch	665	
Fine Super Tweezer	VETUS	ST-14	
Fisherbrand™ Cover Glasses: Rectangles	Fisherbrand	12-545F	
Fisherbrand™ Superfrost™ Plus Microscope Slides	Fisherbrand	12-550-15	
Forcep	VETUS	33A-SA	
Halocarbon oil 27	Sigma-Aldrich	H8773-100ML	
Halocarbon oil 700	Sigma-Aldrich	H8898-100ML	
Heptane	Sigma-Aldrich	H2198-1L	Heptane glue is made of double-sided tape immersed in heptane
Dehydration reagent	TOKAI	1-7315-01	Fill to 90% volume of the dessication chamber
Manual Micromanipulator	World Precision Instruments	M3301R	
Micropipette puller	World Precision Instruments	PUL-1000	Procedure: step 1, Heat: 290, Force:300, Distance:1.00, Delay:50.

			Step 2, Heat: 290, Force:300, Distance:2.21, Delay:50
Pneumatic picopump	World Precision Instruments	PV 830	Eject: 20 psi; Range: 100ms; Duration: timed
PY20	Santa Cruz	SC-508	
Square petri dishes	Biosharp	BS-100-SD	
GFP nanobody	Chromotek	gt	