

Materials List for:

Visualizing and Tracking Endogenous MRNAs in Live *Drosophila Melanogaster* Egg Chambers

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Materials

Name	Company	Catalog Number	Comments
Spectrofluorometer	Fluoromax-4 Horiba-Jobin Yvon	n/a	Photon counting spectrofluorometer
Quartz cuvette	Fireflysci (former Precision Cells Inc.)	701MFL	
Dumont #5 tweezer	World Precision Instruments	501985	Thin tweezers are very important to separate out the individual egg chambers
Halocarbon oil 700	Sigma-Aldrich	H8898	
Cover slip No.1 22 x 40mm	VWR	48393-048	
Dissecting microscope	Leica MZ6 Leica Microsystems Inc.	n/a	
CO2 fruit fly anesthesia pad	Genesee Scientific	59-114	
Tris-HCL pH7.5	Sigma-Aldrich	1185-53-1	
Magnesium chloride	Sigma-Aldrich	7791-18-6	
NaCl	Sigma-Aldrich	7647-14-5	
Spinning disc confocal microscope	Leica DMI-4000B inverted microscope equipped with Yokogawa CSU 10 spinning disc Leica Microsystems Inc.	n/a	
Hamamatsu C9100-13 ImagEM EMCCD camera	Hamamatsu	n/a	
PatchMan NP 2 Micromanipulator	Eppendorf Inc.	920000037	
FemtoJet Microinjector	Eppendorf Inc.	920010504	
Injection needle: Femtotips II	Eppendorf Inc.	930000043	
Loading tip: 20ul Microloader	Eppendorf Inc.	930001007	
Micro Cover glasses no. 1 or 1.5, 22x40mm	VWR	48393-026; 48393-172	
Dry yeast	Any grocery store	n/a	
Computer,> 20 GB RAM			Although processing can be carried out on most computers, higher capabilities will increase the speed of the processing