

Materials List for

# Visualizing the Effects of Oxidative Damage on Drosophila Egg Chambers using Live Imaging

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jove.com/video/62157

## Materials

Name	Company	Catalog Number	Comments
Active dry yeast	Red Star®		
CO <sub>2</sub> gas			99.9% purity
CO <sub>2</sub> pad			
Dissecting microscope, Nikon SMZ645 model	Nikon		
Dissecting needles - PrecisionGlide needles	BD	305165	B-D 21G1 size
Dissecting needles - PrecisionGlide syringes	BD	309657	Luer-Lok tip, 3 mL size
Dissecting needles - tungsten wire	Electron Microscopy Sciences	73800	
Dumont #5 forceps (2 pairs)	Fine Science Tools	11251-10	
NI-150 High Intensity Illuminator	Nikon Instruments Inc.		
Gibco Fetal Bovine Serum, Heat Inactivated	Fisher Scientific	10082-147	
Gibco Schneider's Drosophila Media	Sigma-Aldrich	21720-024	
Hydrogen peroxide solution, 30% (w/w) in H <sub>2</sub> O	Sigma-Aldrich	H1009	
Insulin from bovine pancreas	Sigma-Aldrich	I6634	
Spinning disk microscope	Nikon		Equivalent scopes may also be used
Lonza BioWhittaker Antibiotics: Penicillin-Streptomycin mixtures	Fisher Scientific	17-602E	
MatTek Corporation Glass Bottom Dishes, 35 mm	Fisher Scientific	NC9344527	
Micropipettes and tips of appropriate size	Eppendorf		
Microcentrifuge tubes, 1.7 mL	VWR	87003-294	
Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE)	AnaSpec	AS-88061	
w[1118]	Bloomington Drosophila Stock Center	5905	Wild-type flies
y w; clu[CA06604]		Available upon request.	Clu::GFP trap flies