

Materials List for:

Drosophila Preparation and Longitudinal Imaging of Heart Function *In Vivo* Using Optical Coherence Microscopy (OCM)

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URL: <https://www.jove.com/video/55002>

DOI: [doi:10.3791/55002](https://doi.org/10.3791/55002)

Materials

Name	Company	Catalog Number	Comments
Custom OCM imaging system	Developed in our lab		
my Temp Mini Digital Incubator	Benchmark	H2200-HC	
Cover glass	AmScope	200PCS	
Cotton Ball	RITE AID		
Instant Drosophila Formula	CAROLINA	formula 4-24	
Yeast	ActiveDry		
Microscope	SONY	WILD M420	
Brush	Loew-Cornell	245B	being used to move specimens
Labview software	National Instruments		
ImageJ	National Institutes of Health		
Matlab	Mathworks		
Tweezer	Wiha	AA SA	to fix the fruit fly wings
FlyNap	Carolina Biological Supply Company	4,224,898	
Scotch Permanent Double Sided Tape, 3 M	Scotch		
Pipette	Fisherbrand	MU18837	
Organic Extra Coconut Oil	Spring Valley	13183	
Microscope Slide	CapitolBrand	M3504-E	
<i>Drosophila</i> Vials	SEOH	8401SS	
All-trans-retinal	Sigma-Aldrich Co.	R2500	