

Materials List for:

Preparation of Developing and Adult *Drosophila* Brains and Retinae for Live Imaging

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URL: <https://www.jove.com/video/1936>

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Materials

Name	Company	Catalog Number	Comments
Sylgard 184	Dow Corning	103251252	
GluShield	GluStitch, Inc.	GB055QO	
20-Hydroxyecdysone	Sigma-Aldrich	H5142-10mg	5mg/ml in EtOH

Special Equipment:

1. Dissection Scope: Leica Mz12.5 with digital camera
2. Leica TCS SP5 Confocal Tandem-Scanner Microscope for conventional and resonant scanning live imaging microscopy, including blue (488nm), green (561nm), orange (594nm) and far-red (633nm) lasers as well as special 63x, 1.4 glycerine and a 63x, 1.3 water immersion lenses.
3. Harvard Instruments Confocal Imaging Chamber RC-30 and peristaltic pump model 720
4. Sutter Pipette puller P-97
5. Software: Amira 5.2, Visage Imaging