

Materials List for:

Laser Capture Microdissection of *Drosophila* Peripheral Neurons

Eswar Prasad R. Iyer^{1,2}, Daniel N. Cox^{1,2}

¹Department of Molecular and Microbiology, George Mason University

²Krasnow Institute for Advanced Study, George Mason University

Correspondence to: Daniel N. Cox at dcox5@gmu.edu

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Materials

Name	Company	Catalog Number	Comments
10X Phosphate Buffered Saline (PBS)	MP Biomedicals	PBS10X02	Diluted to 1X working solution
2.5% Trypsin	Sigma-Aldrich	T1426	
RNase-AWAY	Sigma-Aldrich	83931	
Xylenes, histological grade	Fisher Scientific	X3S-4	
RNAse-free water	Fisher Scientific	BP561-1	
Optimal Cutting Temperature (OCT) compound	Tissue-Tek	4583	
PicoPure RNA Isolation Kit	Molecular Devices	KIT0204	Follow manufacturer's instructions
Thin walled reaction tube with domed cap	Applied Biosystems	N8010611	
ExtracSure Sample Extraction Device	Molecular Devices	LCM 0208	
Incubation Block for sample extraction from CapSure HS Caps	Molecular Devices	LCM0505	
Alignment Tray for CapSure HS LCM Caps and ExtracSure Sample Extraction Devices	Molecular Devices	LCM0504	
CapSure HS LCM caps	Molecular Devices	LCM0213	
75x100 mm glass slides	Fisher Scientific	12-544-3	
Tissue embedding molds	Fisher Scientific	NC9642669	
Polypropylene pestle for 1.5 ml microcentrifuge tubes	USA Scientific, Inc.	1415-5390	
70% Ethanol; 95% Ethanol; 100% Ethanol			
Dry ice			

Equipment:

- Cryostat
- 50 ml conical tube for slide fixation, rinsing, trypsin treatment and ethanol/xylene dehydration
- -80°C freezer
- Incubator
- PixCell Ite LCM Instrument with Fluor 300 epifluorescence optics optimized for EGFP (Molecular Devices-Molecular Devices)