

Materials List for:

# Labeling of Single Cells in the Central Nervous System of *Drosophila melanogaster*

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## Materials

Name	Company	Catalog Number	Comments
<b>REAGENTS</b>			
DAB	 Sigma-Aldrich	D-5905	2-3 mg/ml in 100 mM TRIS-HCl, pH 7.4
Dil	 Invitrogen/Molecular Probes	D-282	1 mg/ml in ethanol
Formaldehyde	Merck Millipore		7,4 % in PBS
Glycerol	 Roth	3783	70% in PBS
Heptane Glue	Beiersdorf AG	Cello 31-39-30 *	dilute ca. 1 to 1 with n-Heptane
PBS			1x
TRIS	 Roth	4855	
Vectashield	 Vector Laboratories	H1000	
<b>EQUIPMENT</b>			
Confocal Microscope	Leica	TCS SP2	to view and document labelings in fluorescence
DC - amplifier	Dragan Corporation	Cornerstone ION-100	to perform the labelings
Coverslips	 Menzel	BB018018A1	18 x 18 mm
Coverslips	 Menzel	BB024060A1	24 x 60 mm
Dissecting Microscope	Leica	MZ8	to prepare and dissect embryos
Flat Capillaries	 Hilgenberg		outer diameter 1 mm; glass thickness 0.1 mm
Injection Capillaries	Science Products	GB 100 TF 8P	
Micromanipulator R	Leica		to perform the labelings
Model P-97	Sutter Instruments		to pull capillaries
Object Slides	 Marienfeld Superior	1000000	
Scientific Microscope	Zeiss	Axioskop 2 mot	to view labelings after photoconversion
Scientific Microscope	Olympus	BX50	to perform the labelings
Sony MC3255 Video Camera	Sony/AVT Horn	Sony MC3255	to record labelings after photoconversion

**Table 1.**