

Materials List for:

Phagocytosis Assay for Apoptotic Cells in *Drosophila* Embryos

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Materials

Name	Company	Catalog Number	Comments
whole swine serum	MP Biomedicals	55993	For bloking
Treff micro test tube(easy fit) Dnase, Rnase free tube, 1.5 mL	TreffLab	96. 4625. 9. 01	For homogenization
pellet mixer 1.5 mL	TreffLab	96. 7339. 9. 03	For homogenization
Collagenase	Sigma-Aldrich	C-0130	For preparation of embryonic cells
Trypsin	Thermo Fisher SCIENTIFIC	27250-018	For preparation of embryonic cells
Kpl Anti-Rat IgG (H+L) Ab MSA, AP	KPL	475-1612	secondary antibody for stainig hemocytes with an anti-Croquemort antibody
5-bromo-4-chloro-3-indolyl-phosphate	Roche	11383221001	BCIP, For staining of hemocytes
nitro blue tetrazolium	Roche	11383213001	NBT, For staining of hemocytes
Anti-Croquemort antibody			described previously in Manaka <i>et al.</i> , J. Biol. Chem., 279, 48466-48476
Anti-GFP from mouse IgG1κ (clones 7.1 and 13.1)	Roche	11814460001	For staining of hemocytes
Goat Anti-Mouse IgG-AP Conjugate	Bio-Rad	170-6520	secondary antibody for stainig hemocytes with an anti-Croquemort antibody
Apop Tag Peroxidase In Situ Apoptosis Detection Kit	Millipore	S7100	For staining of apoptoitc cells. This kit includes Equilibration buffer, Reaction buffer, STOP/Wash buffer, TdT enzyme, and Anti-Digoxigenin-Peroxidase.
3,3'-diaminobenzidine tetrahydrchloride	nacalai tesque	11009-41	DAB, For staining of apoptoitc cells
Table of Fly Strains			
Name	Stock center	Stock ID	Comments
w ¹¹¹⁸			Control flies, described in Freeman <i>et al.</i> , Neuron, 38, 567-580
drpr ^{A5}			drpr mutant, described in Freeman <i>et al.</i> , Neuron, 38, 567-580
ltgbn ²			ltgbn mutant, described in Devenport <i>et al.</i> , Development, 131, 5405-5415
srpHemoGAL4 UAS-EGFP			described in Brückner <i>et al.</i> , Dev. Cell., 7, 73-84
UAS-drpr-IR	VDRC	4833	-
UAS-ltgbn-IR	NIG-fly	1762R-1	-