

Materials List for:

An Injury Paradigm to Investigate Central Nervous System Repair in *Drosophila*

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Materials

Name	Company	Catalog Number	Comments
Equipment			
Staining block	Brunel Microscope		
Forceps No. 5	Fine Science Tools	e.g. 11251-20	
Tungsten needle: rod diameter, 0.5 mm; tip size, 1 µm; length, 2 inch	Roboz Surgical Instrument	RS-6065	
Needle holder	Roboz Surgical Instrument	RS-6060	
Arkansans stones: Repair Kit for Dumont Forceps	Fine Science Tools	29000-00	
35 mm Petri dish with 27 mm glass base	Iwaki	3930-035	
Leica SP2-AOBS confocal inverted microscope with environment chamber	Leica		
Reagent			
Shield and Sang M3 insect medium (ecdysone free)	Sigma	S3652-500 ml	
Penicillin and streptomycin	Invitrogen	15070-063	
Phosphate-buffered saline (PBS)	See ¹²		
FBS	Sigma	F7524	
Poly-L-lysine	Sigma	P1399-25mg	
Formaldehyde, 10%, methanol free, Ultra Pure	Polysciences	04018-1	
Mouse anti-glutamine synthetase antibodies	Millipore	MAB302	
Rabbit anti-GFP antibodies	Life technologies	A11122	
Mouse anti-REPO antibodies	Developmental Studies Hybridoma bank	8D12	
Rat anti-ELAV antibodies	Developmental Studies Hybridoma bank	7E8A10	
Rabbit anti-active caspase 3 antibodies	Abcam	ab13847	
Normal goat serum	Vector Laboratories	S-1000	
Anti-rabbit Alexa Fluor 488	Life technologies	A11034	
Anti-mouse Alexa Fluor 647	Life technologies	A21236	
Anti-rat Alexa Fluor 647	Life technologies	A21247	