

Materials List for:

Monitoring Cell-to-cell Transmission of Prion-like Protein Aggregates in *Drosophila Melanogaster*

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Materials

Name	Company	Catalog Number	Comments
Phosphate buffered saline (PBS), 10X, pH 7.4	ThermoFisher Scientific	AM9625	Dilute to 1X
Triton X-100	Sigma-Aldrich	T9284-1L	
Kimwipes	Thomas Scientific	2904F24	
20% paraformaldehyde (PFA)	Electron Microscopy Sciences	15713-S	
Normal Goat Serum (NGS), filtered	Lampire Biological Laboratories	7332500	Aliquot and freeze upon receipt
Chicken anti-GFP	Aves Labs	GFP-1020	Use at 1:500 dilution
Rabbit anti-DsRed	Clontech	632496	Use at 1:2000 dilution; can recognize DsRed-based fluorescent proteins (e.g. mCherry, mStrawberry, tdTomato, etc.)
Mouse anti-Bruchpilot	Developmental Studies Hybridoma Bank	nc82	Use at 1:100 dilution; will label active pre-synaptic structures throughout the fly brain
FITC anti-chicken	ThermoFisher Scientific	SA1-7200	Use at 1:250 dilution
Alexa Fluor 568 anti-rabbit	Life Technologies	A11011	Use at 1:250 dilution
Alexa Fluor 647 anti-mouse antibody	Life Technologies	A21235	Use at 1:250 dilution
Slowfade Gold Antifade Reagent	Life Technologies	S36936	
Microscope Slides (25 x 75 x 1.0 mm)	Fisher Scientific	12-550-143	
Cover Glass (22 x 22 mm)	Globe Scientific	1404-15	
Dumont Biology Grade Forceps, Style 3	Ted Pella	503	use in non-dominant hand
Dumont Biology Grade Forceps, Style 5	Ted Pella	505	use in dominant hand
LAS X image analysis software	Leica		
Imaris image analysis software	Bitplane		