

Measuring Constipation in a *Drosophila* Model of Parkinson's Disease

Maggie J. Soddors¹, Ming Shen¹, Abby L. Olsen¹

¹Pittsburgh Institute for Neurodegenerative Diseases, Department of Neurology, University of Pittsburgh

Corresponding Author

Abby L. Olsen

abby.olsen@pitt.edu

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jove.com/video/65966

Materials

Name	Company	Catalog Number	Comments
1400 g sucrose	MP Biomedicals	904713	
1800 g dextrose	MP Biomedicals	901521	
2884 g yeast	MP Biomedicals	903312	
428 g agar	Fisher Scientific	10253156	
4600 mL molasses	Grandma's Molasses	7971942	
68 L water	N/A	N/A	
680 mL tegosept mix (1200 g tegosept in 6 L ethanol)			
6864 g cornmeal	Pearl Milling	125045	
800 mL acid mix (83 mL phosphoric acid in 1 L water + 836 mL propionic acid in 1 L water)			
cellSens Standard software	Olympus	N/A	
Ethanol	Pharmco-Aper	111ACS200	
Flugs for wide plastic vials	Genesee Scientific	49-101	
Flystuff wide <i>Drosophila</i> vials, polystyrene	Genesee Scientific	32-117	
Graphpad Prism	GraphPad	N/A	Version 9.5.1
Olympus DP23 camera	Olympus	N/A	
Olympus SZX12 Stereo Microscope	Olympus	N/A	
Phosphoric Acid	Fisher Scientific	S25470A	
Propionic Acid	Fisher Scientific	A258 - 500	
Soft gel paste food color, Royal blue	AmeriColor	202	
Tegosept	Apex	20-258	
<i>Drosophila</i> Stocks			
<i>nSyb-QF2</i> , <i>nSyb-Gal4</i>	All lines provided by Dr. Mel Feany	N/A	Lines are available directly from Dr. Feany
<i>nSyb-QF2</i> , <i>nSyb-Gal4</i> , <i>QUAS-alpha synuclein</i>		N/A	

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