

Materials List for:

Medium-scale Preparation of *Drosophila* Embryo Extracts for Proteomic Experiments

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Materials

Name	Company	Catalog Number	Comments
Leaktite 5-Qt. Natural Multi Mix Container (Pack of 3)	Home Depot	209330	For making 5-L cages.
Leaktite 5-Qt. Natural Multi Mix Lid (Pack of 3)	Home Depot	209320	Diameter 8.37 in. Lids for 5-L cages.
Fisherbrand Petri dishes with clear lid, 100 x 15 mm	Fisher Scientific	FB0875712	Material: Polystyrene. To be used with 1-L cages.
Fisherbrand Petri dishes with clear lid, 150 x 15 mm	Fisher Scientific	FB0875714	Material: Polystyrene. To be used with 5-L cages.
Fisherbrand Petri dishes with clear lid, 60 x 15 mm	Fisher Scientific	FB0875713A	Material: Polystyrene. Used during embryo dechoriation.
Sefar NITEX nylon mesh	Sefar	03-180/44	180 micron, 44% open area, used for fly cages.
Milwaukee 3 in. Hole Dozer Hole Saw with Arbor	Home Depot	49-56-9670	3 inch cutting tool for making 1-L cages.
Nalgene Wide-Mouth Straight-Sided PMP Jars with White Polypropylene Screw Closure	Fisher Scientific	11-823-33	For making 1-L cages. Thermo Scientific cat # 21171000. Alternative 1-L containers can be used.
Red Star Active Dry Yeast, 2 pound pouch	Red Star		can be purchased from Amazon.com or other suppliers.
Frozen 100% Apple Juice Concentrate			can be purchased from a grocery store. Has to say "100% apple juice" on the can.
Methyl 4-hydroxybenzoate	Acros Organics	AC126965000	also known as methylparaben or Tegosept. Used as a preservative in AJ plates.
IGEPAL CA-630 for molecular biology, 100 ml	Sigma	I8896	used for preparing lysis buffer.
Nalgene Rapid-Flow Sterile Disposable Filter Units with CN Membrane	Fisher Scientific	09-740-2A	0.2 µm pore size. Used for filtering 5x lysis buffer. Thermo Scientific cat # 1260020.
CO-RO ROCHE cOmplete Protease Inhibitor Cocktail	Sigma	11697498001	Vial of 20 tablets. Used for protease inhibition in lysis buffer.
Corning SFCA syringe filters	Fisher Scientific	09-754-21	SFCA membrane, diameter 26 mm, pore size 0.45 µm. Used for filtering final extract samples.
BD Luer-Lok Disposable Syringes without Needles	Fisher Scientific	14-823-2A	for filtering final extract samples. BD cat # 309604.
Bleach	Clorox		used for embryo dechoriation at 50% (vol/vol) in water, can be purchased at any supermarket. It is important to use the Clorox

			brand, as other brands may result in incomplete dechoriation or may be toxic for embryos.
Corning Costar Netwell Plates	Fisher Scientific	07-200-213	mesh containers for embryo collections. 74 μ m mesh size, 6-well.
Wheaton Dounce Tissue Grinders, capacity 15 ml	Fisher Scientific	06-435B	homogenizer for embryos, with loose and tight pestles. Wheaton cat # 357544.