

Materials List for

Xenopus laevis Egg Extract Preparation and Live Imaging Methods for Visualizing Dynamic Cytoplasmic Organization

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Citation

Cheng, X., Ferrell, Jr., J.E. *Xenopus laevis* Egg Extract Preparation and Live Imaging Methods for Visualizing Dynamic Cytoplasmic Organization. *J. Vis. Exp.* (172), e61923, doi:10.3791/61923 (2021).

Date Published

June 6, 2021

DOI

10.3791/61923

URL

jove.com/video/61923

Materials

Name	Company	Catalog Number	Comments
17 ml centrifuge tube	Beckman Coulter	337986	
22x22 mm square #1 cover glass	Corning	284522	
Aprotinin	MilliporeSigma	10236624001	Protease inhibitor
Cycloheximide	MilliporeSigma	01810	Protein synthesis inhibitor
Cytochalasin B	MilliporeSigma	C6762	Actin polymerization inhibitor
Female <i>Xenopus laevis</i> frogs	Nasco	LM00535MX	
Fluorescent HiLyte 488 labeled tubulin protein	Cytoskeleton, Inc.	TL488M-A	For visualizing the microtubule cytoskeleton
Fluorescent HiLyte 647 labeled tubulin protein	Cytoskeleton, Inc.	TL670M-A	For visualizing the microtubule cytoskeleton
Fluorinated ethylene propylene (FEP) optically clear tape	CS Hyde company	23-FEP-2-5	
Glass Pasteur pipette	Fisher Scientific	13-678-20C	
Human chorionic gonadotropin (hCG)	MilliporeSigma	CG10	
Imaging spacer	Electron Microscopy Sciences	70327-8S	
Leupeptin	MilliporeSigma	11017101001	Protease inhibitor
Microscope slides	Fisher Scientific	12-518-100B	
Mineral oil	MilliporeSigma	330760	
MitoTracker Red CMXRos	Thermo Fisher Scientific	M7512	For visualizing mitochondria
Pregnant mare serum gonadotropin (PMSG)	BioVendor	RP1782725000	
Roller applicator	Amazon	B07HMBJSP8	For applying the FEP tape to the glass slides and coverslips
Single-edged razor blades	Fisher Scientific	12-640	For removing excessive FEP tape
Transfer pipette	Fisher Scientific	13-711-7M	