

Materials List for:

Optimized Negative Staining: a High-throughput Protocol for Examining Small and Asymmetric Protein Structure by Electron Microscopy

Matthew Rames¹, Yadong Yu¹, Gang Ren¹

¹Lawrence Berkeley National Laboratory, The Molecular Foundry

Correspondence to: Gang Ren at gren@lbl.gov

URL: <https://www.jove.com/video/51087>

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Materials

Name	Company	Catalog Number	Comments
Stain: Uranyl Formate	The SPI Supplies Division of Structure Probe, Inc.	02545-AA	http://www.2spi.com/catalog/chem/Uranyl_Formate.shtml
Syringe: 1 ml NORM-JECT	VWR	89174-491	https://us.vwr.com/store/catalog/product.jsp?catalog_number=89174-491
Syringe filter: 0.2 µm	VWR	28145-487	https://us.vwr.com/store/catalog/product.jsp?catalog_number=28145-487
Syringe filter: 0.02 µm filter (Anotop 10)	Whatman	6809-1002	http://www.whatman.com/AnotopSyringeFilters.aspx
Dulbecco's Phosphate Buffered Saline	SIGMA-Aldrich	D8537	http://www.sigmaaldrich.com/catalog/product/sigma/d8537?lang=en&region=US
Parafilm: 4 in. x 125 ft.	VWR	470152-246	https://us.vwr.com/store/catalog/product.jsp?catalog_number=WLS65710-A
Carbon film coated TEM grid: 300 mesh	Pacific Grid-Tech	Cu-300CN	http://www.grid-tech.com/catalog.htm#1-thincarbon
Carbon film coated TEM grid: 200 mesh	EMS (Electro Microscopy Sciences)	CF200-Cu	http://www.emsdiasum.com/microscopy/products/grids/support.aspx
Tweezer: Dumont Tweezer L5	EMS (Electro Microscopy Sciences)	72882-D	http://www.emsdiasum.com/microscopy/products/tweezers/dumont_clamping.aspx#02-L5
Milli-Q Advantage A10 Ultrapure Water Purification System	EMD Millipore	Milli-Q Advantage A10	http://www.millipore.com/catalogue/module.do?id=C10117
Filter Paper: Grade 1 circles	Whatman	1001-090	http://www.whatman.com/QualitativeFilterPapersStandardGrades.aspx
Aluminum Foil			Any type
Filter Tips: Low-Retention Aerosol Filter Tips for 10µL Pipettors	VWR	89174-520	https://us.vwr.com/store/catalog/product.jsp?catalog_number=89174-520
Name	Company	Catalog Number	Comments
Glow Discharge Unit	Ted Pella	91000	http://www.tedpella.com/easiglow_html/Glow-Discharge-Cleaning-System.htm
Filter Tips: Low-Retention Aerosol Filter Tips for 40µL Pipettors	VWR	89174-524	https://us.vwr.com/store/catalog/product.jsp?catalog_number=89174-524
Filter Tips: VWR Signature 200 µL Pipet Tips	VWR	37001-528	https://us.vwr.com/store/catalog/product.jsp?catalog_number=37001-528

Pipet	Pipetman	F161201 and F167300	http://www.pipetman.com/Pipettes/Single-Channel/PIPETMAN-Classic.aspx
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