

Materials List for:

Helical Organization of Blood Coagulation Factor VIII on Lipid Nanotubes

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URL: <https://www.jove.com/video/51254>

DOI: [doi:10.3791/51254](https://doi.org/10.3791/51254)

Materials

Name	Company	Catalog Number	Comments
JEM2100 with LaB ₆	JEOL Ltd.	JEM-2100	operated at 200 kV
with TEMCON software	JEOL Ltd.		
Gatan626 Cryo-holder	Gatan, Inc.	626.DH	cooled to -175 °C
with temperature controler unit	Gatan, Inc.		
Gatan 4K x 4K CCD camera	Gatan, Inc.	US4000	4,096 x 4,096 pixel at 15 µm/pixel physical resolution
Solarus Model 950 plasma cleaner	Gatan, Inc.		
Vitrobot Mark IV	FEI		
Carbon coated 300-mesh 3 mm copper grid	Ted Pella	01821	plasma cleaned for 10 sec on high power
Quantifoil R2/2 300 mesh	Electron Microscopy Sciences	Q225-CR2	Carbon coated 300-mesh Cu grids with 2 mm in diameters holes
Uranyl acetate dihydrate	Ted Pella	19481	1% solution, filtered
Galactosyl ceramide	Avanti Polar Lipids Inc.	860546	
Dioleoyl- <i>sn</i> -glycero-phospho-L- serine	Avanti Polar Lipids Inc.	840035	
EM software Digital Micrograph	Gatan, Inc.		http://www.gatan.com/DM/
EM software EMAN	free download		http://blake.bcm.edu/emanwiki/EMAN/
EM software Spider	free download		http://spider.wadsworth.org/spider_doc/spider/docs/spider.html
EM software IHRSR	free download		Programs available from Edward H. Egelman http://people.virginia.edu/~ehe2n/
EM software (IMOD)	free download		http://bio3d.colorado.edu/imod/
EM software (SerialEM)	free download		ftp://bio3d.colorado.edu/pub/SerialEM/
UCSF-Chimera	free download		http://www.cgl.ucsf.edu/chimera/download.html