

Materials List for:

Nanogold Labeling of the Yeast Endosomal System for Ultrastructural Analyses

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Materials

Name	Company	Catalog Number	Comments
PIPES (piperazin-1,4-bis (2-ethansulfensaure))	Merck, Darmstadt, Germany	1,102,200,250	
HEPES	Merck, Darmstadt, Germany	391,340	
EGTA	Sigma, St louis, MO	E4378	
MgCl ₂ ·6H ₂ O	Merck, Darmstadt, Germany	1,058,330,250	
DL-Dithiothreitol	Sigma, St louis, MO	D0632	
Sorbitol	Sigma, St louis, MO	S1876	
Positively charged Nanogold	Nanoprobes, Yaphank, NY	2022	store at -20 °C
HQ-silver™ enhancement kit	Nanoprobes, Yaphank, NY	2012	store at -20 °C
Paraformaldehyde (PFA)	Sigma, St louis, MO	441244	
Glutaraldehyde 8% EM grade	Polyscience, Inc., Warrington, PA	216	store at -20 °C
Lytic enzyme	MP Biomedicals, Santa Ana, CA	153526	store at -20 °C
Parafilm M	Sigma, St louis, MO	P7793	
50 meshes nickel grids	Agar Scientific, Stansted, United Kingdom	G209N	
Cryo-immuno diamond knife 35°	Diatome AG, Biel, Switzerland	N.A.	
UCT ultramicrotome	Leica, Solms, Germany	N.A.	
Formvar 15/95 resine	Electron Microscopy Sciences, Hatfield, PA	15800	
50 meshes nickel grids	Agar Scientific, Stansted, United Kingdom	AGG2050N	
Parafilm	Sigma, St louis, MO	P7793	
Grids storage box	Leica, Solms, Germany	162-50	
Falcon 100 mm x 15 mm Petri dish	Corning, Corning, NY	351029	
Pasteur capillary pipettes 150 mm	Van Bruggen Glas, Rotterdam, The Netherlands	10216234	
1.5 ml microcentrifuge	Sarstedt, Nümbrecht, Germany	72690001	
50 ml tube	Bio-one, Alphen aan den Rijn, The Netherlands	210296	
Benchkote surface protector	Whatman, Maidstone, United Kingdom	1159201	