

Materials List for:

Assessing Two-dimensional Crystallization Trials of Small Membrane Proteins for Structural Biology Studies by Electron Crystallography

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Materials

| Name | Company | Catalog Number | Comments |
|---|---------|----------------|--|
| 400-mesh copper TEM grids coated with carbon film | | | |
| forceps: regular and anti-capillary | | | Dumont #5 and Dumont N5AC or similar |
| Micropipette and pipette tips | | | |
| Whatman #4 filter paper | | | |
| 1% uranyl acetate | | | |
| Dialysis sample to be screened for 2D crystals | | | |
| Glycerol/sucrose-free dialysis buffer | | | Optional |
| JEOL-1400 transmission electron microscope (TEM) | | | similar 80 – 120kV TEM equipped with an Lab6 or tungsten filament and film and/or CCD cameras (Gatan Orius SC1000 and/or UltraScan1000 CCD cameras and Gatan Digital Micrograph software package or Tietz cameras (TVIPS)) |