

Materials List for:

# Sedimentation Equilibrium of a Small Oligomer-forming Membrane Protein: Effect of Histidine Protonation on Pentameric Stability

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URL: <https://www.jove.com/video/52404>

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## Materials

| Name  | Company           | Catalog Number | Comments  |
|---|-------------------|----------------|---|
| 3-(N,N-dimethylmyristylammonio)propanesulfonate     | Sigma             | T0807          |   |
| Deuterium oxide 99.8%                               | Cambridge Isotope | DLM-4-99.8     |   |
| An-50 Ti Rotor, Analytical, 8-Place                 | Beckman Coulter   | 363782         |   |
| An-60 Ti Rotor, Analytical, 4-Place                 | Beckman Coulter   | 361964         |   |
| Cell housing  | Beckman Coulter   | 334784         |   |
| 12 mm six-channel centerpiece, epon charcoal-filled | Beckman Coulter   | 331376         |   |
| Window holder                                       | Beckman Coulter   | 305037         |   |
| Window gasket                                       | Beckman Coulter   | 327021         |   |
| Window liner  | Beckman Coulter   | 362329         |   |
| Sapphire window                                     | Beckman Coulter   | 307177         |   |
| Quartz window                                       | Beckman Coulter   | 301730         |   |
| Screw-ring washer                                   | Beckman Coulter   | 362328         |   |
| Screw ring  | Beckman Coulter   | 301922         |   |
| Spinkote  | Beckman Coulter   | 306812         |   |
| Torque stand assembly                               | Beckman Coulter   | 361318         |   |
| Counterbalance                                      | Beckman Coulter   | 360219         |   |
| Cell alignment tool                                 | Beckman Coulter   | 362340         |   |
| SEDNTERP  |                   |                | <a href="http://bitcwiki.sr.unh.edu/index.php/Main_Page">http://bitcwiki.sr.unh.edu/index.php/Main_Page</a>                                     |
| HeteroAnalysis                                      |                   |                | <a href="http://www.biotech.uconn.edu/auf/?i=aufftp">http://www.biotech.uconn.edu/auf/?i=aufftp</a>   |
| SEDFIT  |                   |                | <a href="http://www.analyticalultracentrifugation.com/sedfit.htm">http://www.analyticalultracentrifugation.com/sedfit.htm</a>                   |
| SEDPHAT   |                   |                | <a href="http://www.analyticalultracentrifugation.com/sedphat/default.htm">http://www.analyticalultracentrifugation.com/sedphat/default.htm</a> |