

Materials List for:

# Ion Exchange Chromatography (IEX) Coupled to Multi-angle Light Scattering (MALS) for Protein Separation and Characterization

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URL: <https://www.jove.com/video/59408>

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## Materials

| Name                                | Company          | Catalog Number | Comments                         |
|-------------------------------------|------------------|----------------|----------------------------------|
| ÅKTA pure                           | GE Healthcare    | 29-0182-26     | FPLC                             |
| 0.02 µm Anotop Whatman Filter 10 mm | GE Healthcare    | 6809-1002      | Sample Filter                    |
| 0.1 µm Anotop Whatman Filter 10 mm  | GE Healthcare    | 6809-1012      | Sample Filter                    |
| 0.1 µm Anotop Whatman Filter 25 mm  | GE Healthcare    | 6809-2012      | Mobile phase filter              |
| BSA (purity>97%)                    | Sigma            | A1900          | Bovine serum albumin             |
| miniDAWN TREOS                      | Wyatt Technology | WTREOS         | MALS                             |
| mono Q HR 5/50 GL                   | GE Healthcare    | 17-5166-01     | Anion exchange analytical column |
| Optilab T-rEX                       | Wyatt Technology | WTREX          | Refractometer                    |
| 0.1 mm PES 1000 mL Stericup         | Millipore        | SCVPU11RE      | Mobile phase filter              |
| Sodium chloride                     | Sigma            | 71382          | HPLC grade NaCl                  |
| TRISMA base                         | Sigma            | T-1503         | TRIS buffer                      |