

Amicon ultra – Buffer exchange and Desalting

- Load up to 15 ml of purified enzyme on to the Amicon Ultra filter device
- Place capped filter device into centrifuge rotor; counterbalance with a similar device
- When using a swinging bucket rotor, spin the device at 4,000xg maximum for approximately 15-60 minutes
- When using a fixed angle rotor, orient the device with the membrane panel facing up and spin at 5,000xg maximum for approximately 15-60 minutes
- To recover the the concentrated solute, insert a pipettor into the bottom of the filter device and withdraw the sample using a side-to-side sweeping motion to ensure total recovery. The ultrafiltrate can be stored in the centrifuge tube.
- For buffer exchange load up to 15 ml of new buffer on to the Amicon Ultra filter device and centrifuge for 15-60 minutes

