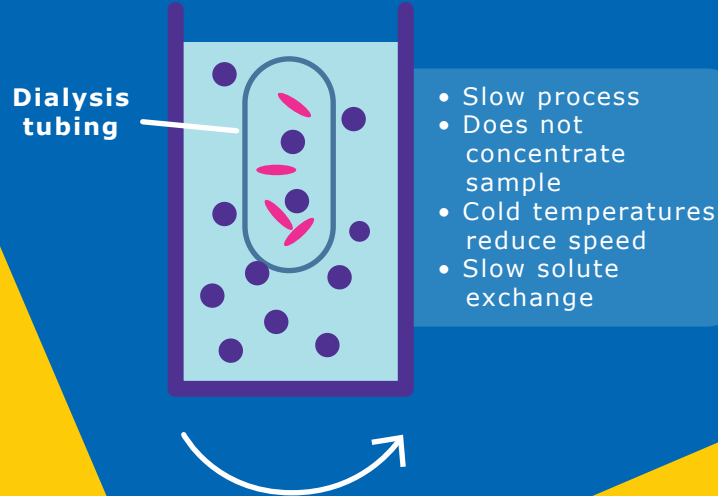


Diafiltration vs. Dialysis

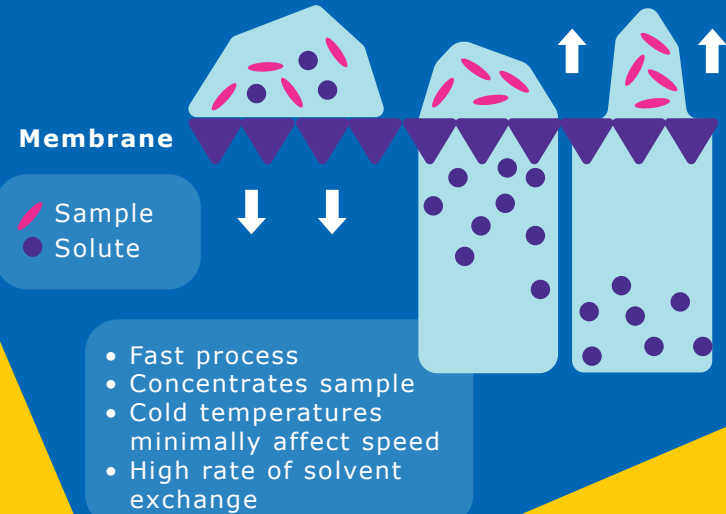
Dialysis

The separation of particles in a liquid on the basis of differences in their ability to pass through a membrane.



Diafiltration

The separation of particles using an ultrafiltration membrane using pressure or concentration gradients



Dialysis is the preferred technique for:



Samples that don't require concentration

>mg/mL

Samples that may precipitate at high concentrations



Slow solvent exchange

Diafiltration is the preferred technique for:



Robust samples that won't precipitate at high concentrations



Samples that must be processed at cold temperatures



Fast solvent exchange