

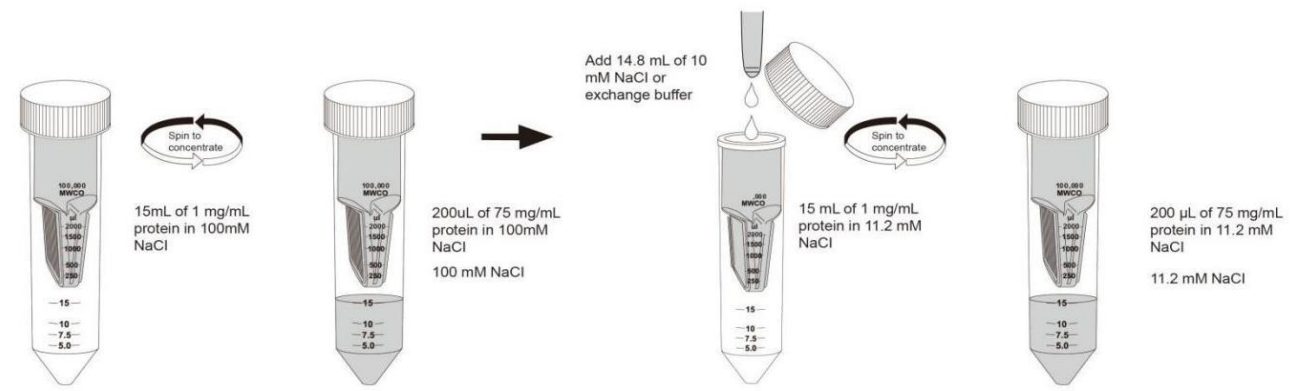
The background features a central cluster of overlapping, semi-transparent squares in various shades of blue, green, and grey. Two small inset images are visible: one at the top center showing laboratory glassware and a molecular model, and another at the bottom center showing colorful crystalline structures and a glass beaker.

Anavo® Ultrafiltration Centrifuge Tubes — High Recovery Rate, High Flow Rate

Anavo protein and peptide ultrafiltration centrifuge tubes, with their vertical design and efficient membrane surface area, enable rapid sample processing, higher sample recovery rates (> 90% recovery), and a concentration capability of 80-100 times. The concentrated sample is collected from the filtration device using a pipette, while the ultrafiltrate is collected in the provided centrifuge tube.

A centrifugal ultrafiltration tube is a disposable ultrafiltration device that provides reliable and accurate results. For protein sample concentration and buffer exchange. Compared to methods like chromatography and dialysis, ultrafiltration is gentler on the molecules being processed, does not require organic extraction, does not cause protein denaturation, and is simple and efficient.

The Anavo Ultra-5 UF Concentrator is designed to process samples up to 4mL in volume. The centrifuge tube features an integrated vertical polyethersulfone (PES) membrane filtration device. The PES membrane is characterized by low protein adsorption and high throughput, and is available in six different molecular weight cutoffs: 3KD, 5KD, 10KD, 30KD, 50KD, and 100KD. The molecular weight cutoffs and volume graduations are etched on the side of the concentrator for easy identification.





Application:

- Removal of salts, filtration, or replacement of buffer solutions;
- Concentration of biological samples containing antigens, antibodies, enzymes, nucleic acids (monomeric or dimeric DNA/RNA samples), microorganisms, eluates, and purified samples;
- Purification of macromolecular components from tissue culture medium extracts and cell lysates, removal of primers, linkers, or molecular tags from reaction mixtures, and protein removal prior to HPLC.

Product Composition:

The ultrafiltration centrifuge tube includes a cap, a filter, and a centrifuge tube.

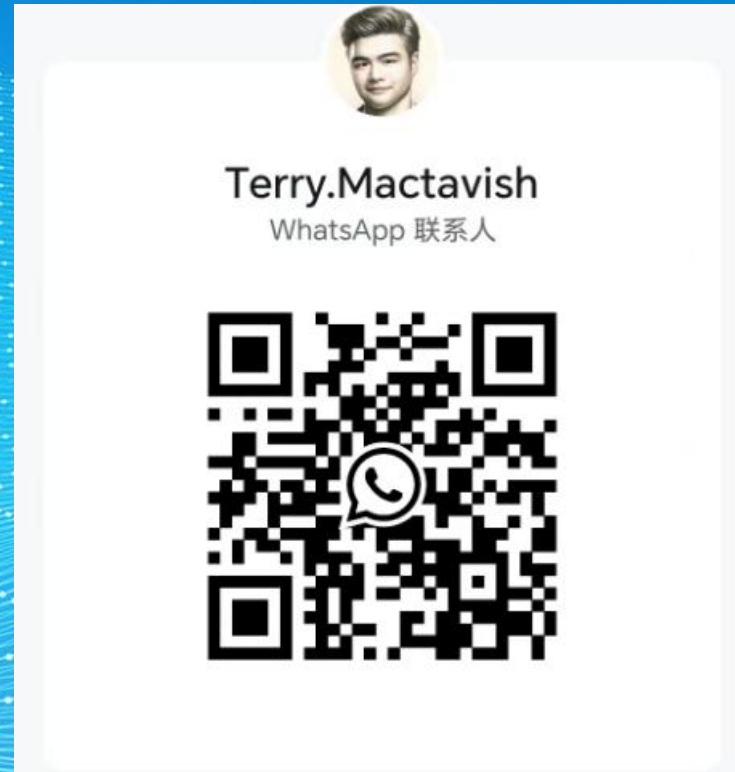
Product Features:

- High sample recovery rate (>90% recovery rate);
- Vertical membrane design reduces concentration time (10-15 minutes);
- Rigorously leak-tested;
- DNase-free, RNase-free, pyrogen-free, endotoxin-free.

Product information:

Type	Art.Code	Sample Volume	Molecular Weight (Separation)	Molecular weight (Protien)	Volume	Package
Anavo Ultra-15	AN40H001	5~15mL	5KD	10-15KD	50mL	8/PK
Anavo Ultra-15	AN40H002	5~15mL	10KD	20-30KD	50mL	8/PK
Anavo Ultra-15	AN40H003	5~15mL	30KD	60-90KD	50mL	8/PK
Anavo Ultra-15	AN40H004	5~15mL	50KD	100-150KD	50mL	8/PK
Anavo Ultra-15	AN40H005	5~15mL	100KD	200-300KD	50mL	8/PK
Anavo Ultra-15	AN40H006	5~15mL	5KD	10-15KD	50mL	24/PK
Anavo Ultra-15	AN40H007	5~15mL	10KD	20-30KD	50mL	24/PK
Anavo Ultra-15	AN40H008	5~15mL	30KD	60-90KD	50mL	24/PK
Anavo Ultra-15	AN40H009	5~15mL	50KD	100-150KD	50mL	24/PK
Anavo Ultra-15	AN40H010	5~15mL	100KD	200-300KD	50mL	24/PK
Anavo Ultra-5	AN40I001	0.5~4mL	3KD	6-9KD	15mL	24/PK
Anavo Ultra-5	AN40I002	0.5~4mL	5KD	10-15KD	15mL	24/PK
Anavo Ultra-5	AN40I003	0.5~4mL	10KD	20-30KD	15mL	24/PK
Anavo Ultra-5	AN40I004	0.5~4mL	30KD	60-90KD	15mL	24/PK
Anavo Ultra-5	AN40I005	0.5~4mL	50KD	100-150KD	15mL	24/PK
Anavo Ultra-5	AN40I006	0.5~4mL	100KD	200-300KD	15mL	24/PK

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