



Proteus X-spinner 2.5

Ultrafiltration

Concentrator

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NB-45-00064-10-2

## Proteus X-spinner 2.5 Ultrafiltration Concentrator

NB-45-00064-10-2

Size : 2pc

### Description

Proteus X-spinner 2.5 Ultrafiltration Concentrator

### Storage conditions

RT

### Other information

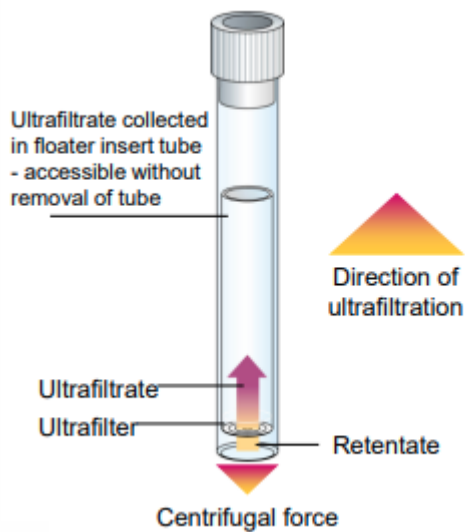
#### Specification:

Membrane type:	Cellulose Triacetate (5 , 10, 20 kDa MWCO) PES (100 kDa, 300 kDa MWCO)
Plastic construction:	Polystyrene
Maximum sample volume:	2.5 ml
Hold-up volume	25 µl
Maximum g force:	2,500 g (Swing Bucket Rotor) 2,000 g (Fixed Angle Rotor)
Outer tube dimensions:	17 x 100 mm
Storage:	Store at RT
Shelf-life:	24 months

#### Protein concentration:

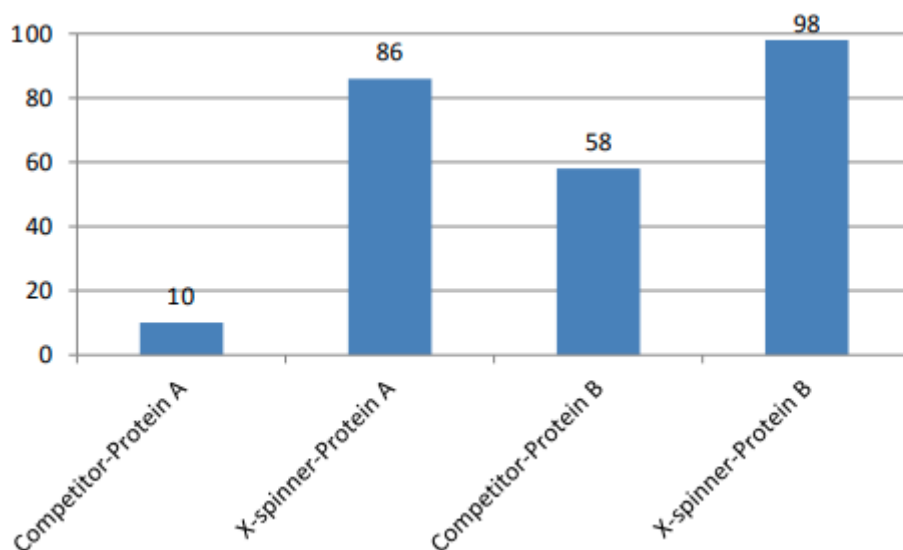
1. Remove the cap and slide the inner floating tube out. Rest the inner tube on a table with the membrane side uppermost to protect the membrane. Pipette the sample (0.1-2.5 ml) into the centrifuge tube (Outer tube)
2. Re-insert the inner tube with the membrane side first. Ensure the membrane is in contact with the sample. Do not re-insert the cap for centrifugation.
3. Centrifuge in a bench centrifuge in a rotor with cavities accepting 17 x 100 mm tubes. We recommend filtering solutions containing lipids in a fixed angle rotor only.
4. After centrifugation, remove the inner tube with the tweezers supplied. Remove the concentrated sample with a transfer pipette or micropipette.

The Proteus X-spinner is ideal for the following samples:



- Membrane protein (Protein Detergent Complexes:- Use 100 kDa MWCO (order code: NB-45-00064-100-24 or NB-45-00064-100-96)
- Viscous samples:-proteins stored in 10-15% glycerol
- Dilute protein solutions:-why risk losing your protein?
- Sticky and hydrophobic proteins such as fibronectin.
- Protein fractions post Size Exclusion or IMAC
- De-proteinization of blood and serum samples
- Separating free analyte or label from bound analytes/bound label

**Performance:** % Protein recoveries are improved with the Proteus X-spinner 2.5. Up to 98% protein recoveries were observed with 2.5 ml hydrophobic protein concentrated to 0.25 ml at 2,500 g.



### Ordering Information:

Product	Units	Order Code
Proteus X-spinner 2.5 pack (5 kDa MWCO, CTA)	24	NB-45-00064-5-24
Proteus X-spinner 2.5 pack (5 kDa MWCO, CTA)	96	NB-45-00064-5-96
Proteus X-spinner 2.5 pack (10 kDa MWCO, CTA)	24	NB-45-00064-10-24
Proteus X-spinner 2.5 pack (10 kDa MWCO, CTA)	96	NB-45-00064-10-96
Proteus X-spinner 2.5 pack (20 kDa MWCO, CTA)	24	NB-45-00064-20-24
Proteus X-spinner 2.5 pack (20 kDa MWCO, CTA)	96	NB-45-00064-20-96

Proteus X-spinner 2.5 pack (100 kDa MWCO, PES)		NB-45-00064-100-24
Proteus X-spinner 2.5 pack (100 kDa MWCO, PES)	96	NB-45-00064-100-96
Proteus X-spinner 2.5 pack (300 kDa MWCO, PES)*	24	NB-45-00064-300-24
Proteus X-spinner 2.5 pack (300 kDa MWCO, PES)*	96	NB-45-00064-300-96

\*Please note the 300kDa MWCO X-Spinner is not printed with the MWCO on the side of the outer tube.