

Центрифужные фильтры JetSpin

Технические характеристики

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The centrifugal filter is a disposable filtration device that combines centrifugal force and ultrafiltration technology to provide reliable data for concentration, desalination and buffer exchange of protein samples in biological experiments. Compared with chromatography and dialysis, the ultrafiltration centrifuge tube handles molecules more gently, does not require organic extraction, does not lead to protein denaturation, operates quickly and simply and efficiently, and separates molecules while the concentration multiplier is It is fast, simple and efficient.

JetSpin® centrifugal filters are newly upgraded with vertical single-sided/dual-sided filter membranes and support bones, which have a larger active membrane area, higher flow rate and stronger structure for rapid filtration and concentration of samples; the filter membranes are made of polyethersulfone PES with high throughput, strong hydrophilicity and low protein adhesion for excellent performance. The products are strictly controlled in accordance with ISO 13485 and ISO 9001 standards, and undergo strict leak-proof and chemical compatibility tests to ensure quality.

Specifications: 0.5mL 5mL 15mL

Molecular weight cut off (MWCO): 5KD 10KD 30KD 50KD 100KD



Molecular weight cutoff (MWCO) identification and volume graduation are etched on the side of the filter for easy identification and analysis



Built-in vertical polyethersulfone (PES) membrane filtration device efficiently recovers active components within the molecular weight range

- * Outer tube: Polypropylene (PP)
- * Filter: 1/4" Methacrylate-Butadiene-Styrene (MBS)
- * Filter membrane: Polyethersulfone (PES)

- * Tube cap: High-density polyethylene (HDPE)
- * Conforming to USP CLASS VI.

* All materials are confirming to USP Class VI . In total, five molecular weight cut-off (MWCO) options are available, meeting the needs of filtering molecules in different sizes.

* The filter is structurally designed with a high-performance vertical single- (0.5 mL)/double-sided (5 mL & 15 mL) PES filtration membrane, featuring a larger effective filtration area and a higher flow rate.

* The 5 mL and 15 mL tubes are provided with supports, improving the stability of the structure, supporting a higher centrifugal speed, and reducing the filtration time.

* The protein recovery is increased to over 80%.

* There is a printed scale and a white area for writing on the tube, facilitating the identification and marking.

* DNase-free, RNase-free, non-pyrogenic

Product Name	MWCO (kDa)	Effective Filter Area (cm ²)	Maximum Initial Sample Volume	Maximum Centrifugal Force (fixed angle rotor) × g	Maximum Centrifugal Force (swing bucket rotor) × g
JetSpin™-0.5mL	5	0.65	Fixed angle rotor 0.5mL	10000	× ×
	10			10000	× ×
	30			10000	× ×
	50			10000	× ×
	100			10000	× ×
JetSpin™ -5mL	5	3.5		5000	4000

	10		Fixed angle rotor 4mL□□ swing bucket rotor 5mL	5000	4000
	30			5000	4000
	50			5000	4000
	100			5000	4000
JetSpin™-15mL	5	9.7	Fixed angle rotor 12mL□□ swing bucket rotor 15mL	4000	3000
	10			4000	3000
	30			4000	3000
	50			4000	3000
	100			4000	3000

Product applications:

- * Desalting, diafiltration or changing of buffers
- * Concentration and purification of biological samples, including antigens, antibodies, enzymes, nucleic acids (single or double strain DNA/RNA samples), microorganisms, and eluates.
- * Purification of macromolecular components from tissue culture extracts or cell lysates
- * Removal of primers, ligation or molecular markers from the reaction mixture, removal of proteins prior to HPLC.

Cat. No.	Specification(mL)	Sterile	MWCO(KD)	Cap color	Qty. Per bag/case
FTT105105	0.5	N	5	White	25/300
FTT110105	0.5	N	10	White	25/300
FTT130105	0.5	N	30	White	25/300
FTT150105	0.5	N	50	White	25/300
FTT100105	0.5	N	100	White	25/300
FTT105150	5	N	5	White	24/96
FTT110150	5	N	10	White	24/96
FTT130150	5	N	30	White	24/96
FTT150150	5	N	50	White	24/96
FTT100150	5	N	100	White	24/96
FTT405500	15	N	5	White	8/96
FTT505500	15	N	5	White	24/96
FTT410500	15	N	10	White	8/96
FTT510500	15	N	10	White	24/96
FTT430500	15	N	30	White	8/96

FTT530500	15	N	30	White	24/96
FTT450500	15	N	50	White	8/96
FTT550500	15	N	50	White	24/96
FTT400500	15	N	100	White	8/96
FTT500500	15	N	100	White	24/96

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