PO Nanofiber Membrane Chromatography Syringe Caputure Plasmids & Plasma Components 33mm 0.45μM

Our Product Introduction

Basic Information

- Place of Origin: PRC
- Brand Name: WECHANFIB
- Model Number: WF-ZT-ST-MCS-33-45
- Minimum Order Quantity: 100
- Price: Negotiable
- Packaging Details: Individually blister package, 50-100per box
- Delivery Time: 24-30days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram, Paypal
- Supply Ability: 5000pc/month

Product Specification

- Membrane Material: EVOH
- Shell Material: PP
- Diameter: 33mm
- Pore Size: 0.45μm
- Sterile: Yes
- Application Type: MCS Cation
- Highlight: **0.45μM Chromatography Membrane Syringe**, **33mm Chromatography Membrane Syringe**, **MCS Cation Ion Exchange Chromatography Membrane Syringe**

Our Product Introduction

Product Description

PO Nanofiber Membrane Chromatography Syringe Caputer Plasmids & Plasma Components 33mm 0.45μM Pharmaceutical Industry MCS Cation Ion Exchange Chromatography

Description MCS Cation Ion Exchange Chromatography
Ion exchange chromatography is a technique for separating compounds based on their net charge. Ion exchange chromatography media contain negatively or positively charged functional groups covalently bound to a solid support, yielding either a cation or anion exchanger, respectively. Charged compounds are adsorbed and retained by an ion exchanger having the opposite charge, whereas compounds that are neutral or have the same charge as the media pass through the void volume and are eluted from the column. The binding of the charged compounds is reversible, and adsorbed compounds are commonly eluted with a salt or pH gradient. Ion exchange media are available in various particle sizes, ionic forms, and purity ranges.

Application MCS Cation Ion Exchange Chromatography
Capture large particles such as recombinant proteins, plasmids, viruses, viral vectors and plasma components;
Polishing steps to remove contaminants such as host DNA, HCPs, and endotoxins in biological fluids;
Fine purification of small molecule drugs such as oligonucleotides and peptides.
Features MCS Cation Ion Exchange Chromatography
Materials to clarify both aqueous and mild organic solutions;
100% passed integrity test;
Low-binding membrane;
Low IC extractables;
Ethylene oxide or gamma irradiation sterilization;

Ready to use equipment;
Easy to connect Syringe Filter or Pump;
High adsorption capacity to macromolecule;
High flow rate and high capacity;
Well developed separation function.

Filter Performance MCS Cation Ion Exchange Chromatography

Type	Anion	Cation
Membrane Materials	PO	PO
Shell Materials	PP	PP
Membrane Area	20cm^2	20cm^2
Filter Diameter	25mm	25mm
Ligand Type(Density)	Amino(4mmol/g)*	Carboxyl(2.6mmol/g)
Dynamic Loading	136mg/g(RNA)**	510mg/g(Lysozyme)
Pore Size	0.7μm	0.7μm
Porosity	78%	78%
Flow Rate	0.1-100ml/min	0.1-100ml/min
Recommended Flow Rate	1ml/min	1ml/min
Operating Pressure	1-10bar	1-10bar
Reusability	>10cycles	>10cycles
Package	Individual Package	Individual Package
Product Code	WF-ZT-ST-MCQ-25-70	WF-ZT-ST-MCS-25-70
Hold-up Volume	1ml	1ml
pH Range	3-14	3-14
Sample Storage Material	PP	PP
Sample Volume	200-1000μl	200-1000μl
Max. Operating Temperature	40	40
Min. Operating Temperature	0	0
	Note: *Quaternary ammonium salt ligand products are also available **DNA and BSA data is available.	

Naming Regulations MCS Cation Ion Exchange Chromatography

WF	ZT	ST	SWG(式无)	MCQ	25	70	2.5(式无)
Trademark	Type	Sterilize	Connector	Applicatio n	Diameter	Pore Size	Length
WECHANFI B	ZT Syringe	Sterilize	SWG Intubation	MCS Cation	13mm	45 0.45μm	2.5 2.5”
	NL Capsule		MNPT Whorl	MCQ Anion	25mm	70 0.70μm	5 5”
	CT Centrifuge tube			MCPA Protein A	33mm		10 10”
							20 20”

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WECHANGE TECHNOLOGY CO.,LTD
We-Change Makes Your Life better

(1) NFMC Ion Exchange Chromatography Membrane

WECHANFIB NFMC Ion Exchange Chromatography Membrane uses stable porous structure PO(EVOH) nanofiber membrane, its over 0.7μm pore size which is much more greater than normal gel chromatography medium. Entrained by the flow, molecules have been carried to the functional groups fixed on the surface of ion exchange membranes rapidly. The adsorption capacity of ion exchange ligands is relatively stable and will not loss after repeated use. Our NFMC ion exchange membranes have strong/weak anions(Q/PA) & strong cation(S) types, effective area ranging from 0.35-100cm², corresponding to adsorb proteins 10-100mg per unit. They can be used together with our syringe filters and centrifugal purification columns, our syringe filter equipped with standard Luer-Lok fitting, can be connected with HPLC or FPLC system, it is compatible with various solvents, repeat use for more than 100 times. Our centrifugal purification columns help you to achieve separation in 5 min.

Type	Anion	Cation
Membrane Materials	PO	PO
Shell Materials	PP	PP
Membrane Area	20cm²	20cm²
Filter Diameter	25mm	25mm
Ligand Type (Density)	Amino (4mmol/g) *	Carboxyl (2.6mmol/g)
Dynamic Loading	136mg/g(RNA)**	510mg/g (Lysozyme)
Pore Size	0.7μm	0.7μm
Porosity	78%	78%
Flow Rate	0.1-100ml/min	0.1-100mlmin
Recommended Flow Rate	1ml/min	1ml/min
Operating Pressure	1-10bar	1-10bar
Reusability	>10cycles	>10cycles
Package	Individual Package	Individual Package
Product Code	WF-ZT-ST-MCQ-25-70	WF-ZT-ST-MCS-25-70

Type	Cation
Effective Filtration Area	0.35cm²
Membrane Materials	PO
Hold-up Volume	1ml
Maximum Centrifugal Force	14000g
pH Range Maximum	14
pH Range Minimum	3
Sample Storage Material	PP
Sample Volume	200-1000μl
Maximum Operating Temperature	40°C
Minimum Operating Temperature	0°C
Pore Size	700nm
Product Code	WF-CT-ST-MCQ-35-70

Note: * Quaternary ammonium salt ligand products are also available.
** DNA and BSA data is available.

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