

Vivaflow 50 / 50R / 200

단백질 농축 및 탈염용 필터



Vivaflow 50

Cross Flow를 이용하여 연구목적이나 Pilot Scale에서 원하는 단백질을 농축 및 탈염 시 사용

Vivaflow 50

- 100ml ~ 3L
- 쉬운 Scale Up (Interlocking Modules)
- 경제적인
- Hold Up Volume이 적음

Vivaflow 50R

- 0.1 ~ 1L
- 재 사용 가능
- 바이러스 및 항체과 같은 고가샘플농축에 적합

Vivaflow 200

- 0.5 ~ 5L
- 사용하기 간편한 압력 게이지와 Flow Restrictor
- 95% 이상의 회수율 (적은 Hold Up Volume과 Recirculation Volume)
- 세척 간편함 (0.1M NaOH)



Vivaflow 200

Technical Specifications

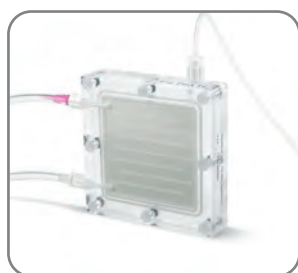
	Vivaflow 50	Vivaflow 50R	Vivaflow 200
Materials of construction			
Main housing	Polycarbonate	Acrylic	Acrylic
Flow channel	TPX (PMP)	Acrylic	Acrylic
Membrane support	TPX (PMP)	Polypropylene	Polypropylene
Membrane seals and O rings	Silicone	Silicone	Silicone
Pressure indicator	Polypropylene	Polypropylene	Polypropylene
	SS** spring	SS** spring	SS** spring
Flow restrictor	Polypropylene	Polypropylene	Polypropylene
Fittings	Nylon	Nylon	Nylon
Tubing	PVC (medical grade)	PVC (medical grade)	PVC (medical grade)
Active membrane area	50cm ²	50cm ²	200cm ²
Unrecoverable concentrate	1.5ml	1.7ml	5.3ml
Min. recirculation volume	< 10ml	10ml	< 20ml
Non-recoverable hold-up	< 0.5ml	< 0.5ml	< 1ml

Ordering Information

Membrane	MWCO	Vivaflow 50	Vivaflow 50R	Vivaflow 200
PES	3,000	VF05P9	-	VF20P9
	5,000	VF05P1	-	VF20P1
	10,000	VF05P0	-	VF20P0
	30,000	VF05P2	-	VF20P2
	50,000	VF05P3	-	VF20P3
	100,000	VF05P4	-	VF20P4
	0.2µm	VF05P7	-	VF20P7
RC	10,000	VF05C0	-	VF20C0
	100,000	VF05C4	-	-
Hydrosart	2,000	-	-	VF20H9
	5,000	-	VF05H1	VF20H1
	10,000	-	VF05H0	VF20H0
	30,000	-	VF05H2	VF20H2
	100,000	-	VF05H4	VF20H4

PES: Polyethersulfone RC: Regenerated Cellulose

Cat. No.	Accessories
VF001	Masterflex Economy Drive variable speed peristaltic pump (240V)
VFA006	500ml sample and/or diafiltration reservoir
VFA013/VFA012	Masterflex Easy-Load pump head - size 15 / 16
VFA016	Vivaflow® 50 stand
VFA020	Pressure indicator (1 - 3 bar)



Vivaflow 50R