

# Sartorius Ultrafiltration Vivaspin® !

用 Vivaspin® 完成各種實驗挑戰

- Sample concentration:  
exosome, protein,  
nanoparticle, virus
- Buffer exchange
- Desalting / Dialysis

# SARTORIUS

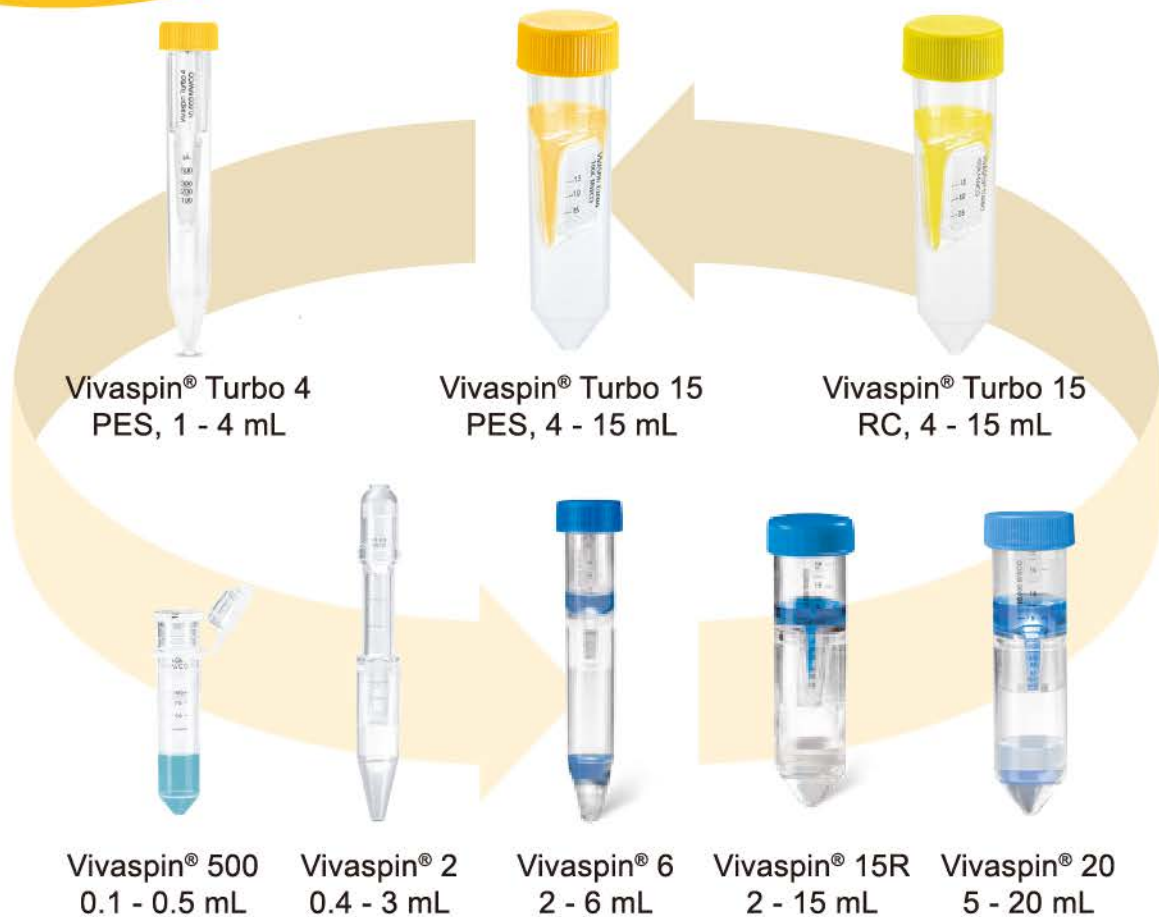
更快與更高的回收效率

## Vivaspin® Turbo



✿ 加大的垂直雙面膜，  
更快的過濾速度。

✿ 專利傾斜式濃縮槽設計，  
減少濃縮物的損失。



Vivaspin® Turbo 4  
PES, 1 - 4 mL

Vivaspin® Turbo 15  
PES, 4 - 15 mL

Vivaspin® Turbo 15  
RC, 4 - 15 mL

Vivaspin® 500  
0.1 - 0.5 mL

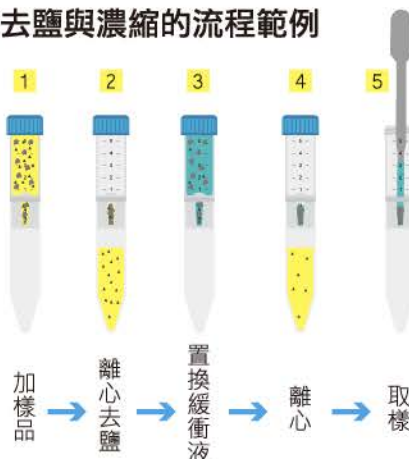
Vivaspin® 2  
0.4 - 3 mL

Vivaspin® 6  
2 - 6 mL

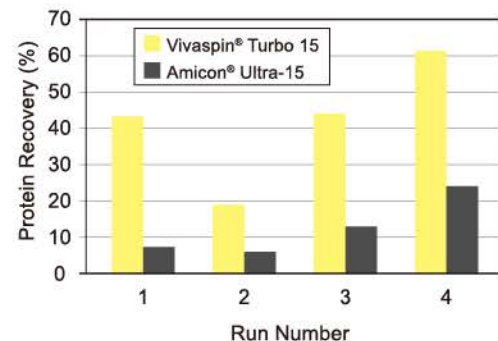
Vivaspin® 15R  
2 - 15 mL

Vivaspin® 20  
5 - 20 mL

### 去鹽與濃縮的流程範例



### 蛋白質回收率比較



為了最好的回收率，您需要選擇：

- 合適的超濾膜材質。
- 正確的截留分子量(MWCO)。
- 合適樣品處理體積的品項。

# 訂購資訊：



## Vivaspin® Turbo 15 PES

Initial Volumes:  
4 mL – 15 mL

MWCO	Membranes	Pack size	Prod. no.
3,000	PES	12	VS15T91
	PES	48	VS15T92
5,000	PES	12	VS15T11
	PES	48	VS15T12
10,000	PES	12	VS15T01
	PES	48	VS15T02
30,000	PES	12	VS15T21
	PES	48	VS15T22
50,000	PES	12	VS15T31
	PES	48	VS15T32
100,000	PES	12	VS15T41
	PES	48	VS15T42



## Vivaspin® Turbo 15 RC

Initial Volumes:  
4 mL – 15 mL

MWCO	Membranes	Pack size	Prod. no.
5,000	RC	12	VS15TR11
	RC	48	VS15TR12
10,000	RC	12	VS15TR01
	RC	48	VS15TR02
30,000	RC	12	VS15TR21
	RC	48	VS15TR22
50,000	RC	12	VS15TR31
	RC	48	VS15TR32
100,000	RC	12	VS15TR41
	RC	48	VS15TR42



## Vivaspin® Turbo 4

Initial Volumes:  
1 mL – 4 mL

MWCO	Membranes	Pack size	Prod. no.
3,000	PES	25	VS04T91
	PES	100	VS04T92
5,000	PES	25	VS04T11
	PES	100	VS04T12
10,000	PES	25	VS04T01
	PES	100	VS04T02
30,000	PES	25	VS04T21
	PES	100	VS04T22
50,000	PES	25	VS04T31
	PES	100	VS04T32
100,000	PES	25	VS04T41
	PES	100	VS04T42



## Vivaspin® 500

Initial Volumes:  
100 µL – 500 µL

MWCO	Membranes	Pack size	Prod. no.
3,000	PES	25	VS0191
	PES	100	VS0192
5,000	PES	25	VS0111
	PES	100	VS0112
10,000	PES	25	VS0101
	PES	100	VS0102
30,000	PES	25	VS0121
	PES	100	VS0122
50,000	PES	25	VS0131
	PES	100	VS0132
100,000	PES	25	VS0141
	PES	100	VS0142
300,000	PES	25	VS0151
	PES	100	VS0152
1,000,000	PES	25	VS0161
	PES	100	VS0162
0.2 µm	PES	25	VS0171
	PES	100	VS0172



## Vivaspin® 15 R

Initial Volumes:  
2 mL – 15 mL

MWCO	Membranes	Pack size	Prod. no.
2,000	Hydrosart	12	VS15RH91
	Hydrosart	48	VS15RH92
5,000	Hydrosart	12	VS15RH11
	Hydrosart	48	VS15RH12
10,000	Hydrosart	12	VS15RH01
	Hydrosart	48	VS15RH02
30,000	Hydrosart	12	VS15RH21
	Hydrosart	48	VS15RH22



## Vivaspin® 20

Initial Volumes:  
5 mL – 20 mL

MWCO	Membranes	Pack size	Prod. no.
3,000	PES	12	VS2091
	PES	48	VS2092
5,000	PES	12	VS2011
	PES	48	VS2012
10,000	PES	12	VS2001
	PES	48	VS2002
30,000	PES	12	VS2021
	PES	48	VS2022
50,000	PES	12	VS2031
	PES	48	VS2032
100,000	PES	12	VS2041
	PES	48	VS2042
300,000	PES	12	VS2051
	PES	48	VS2052
1,000,000	PES	12	VS2061
	PES	48	VS2062
0.2 µm	PES	12	VS2071
	PES	48	VS2072



## Vivaspin® 6

Initial Volumes:  
2 mL – 6 mL

MWCO	Membranes	Pack size	Prod. no.
3,000	PES	25	VS0691
	PES	100	VS0692
5,000	PES	25	VS0611
	PES	100	VS0612
10,000	PES	25	VS0601
	PES	100	VS0602
30,000	PES	25	VS0621
	PES	100	VS0622
50,000	PES	25	VS0631
	PES	100	VS0632
100,000	PES	25	VS0641
	PES	100	VS0642
300,000	PES	25	VS0651
	PES	100	VS0652
1,000,000	PES	25	VS0661
	PES	100	VS0662
0.2 µm	PES	25	VS0671
	PES	100	VS0672



## Vivaspin® 2

Initial Volumes:  
0.4 mL – 3 mL

MWCO	Membranes	Pack size	Prod. no.
2,000	Hydrosart	25	VS02H91
	Hydrosart	100	VS02H92
3,000	PES	25	VS0291
	PES	100	VS0292
5,000	PES	25	VS0211
	PES	100	VS0212
	CTA	25	VS02U1
	CTA	100	VS02U2
	Hydrosart	25	VS02H11
	Hydrosart	100	VS02H12
10,000	PES	25	VS0201
	PES	100	VS0202
	CTA	25	VS02V1
	CTA	100	VS02V2
	Hydrosart	25	VS02H01
	Hydrosart	100	VS02H02
20,000	CTA	25	VS02X1
	CTA	100	VS02X2
30,000	PES	25	VS0221
	PES	100	VS0222
	Hydrosart	25	VS02H21
	Hydrosart	100	VS02H22
50,000	PES	25	VS0231
	PES	100	VS0232
100,000	PES	25	VS0241
	PES	100	VS0242
300,000	PES	25	VS0251
	PES	100	VS0252
1,000,000	PES	25	VS0261
	PES	100	VS0262
0.2 µm	PES	25	VS0271
	PES	100	VS0272