

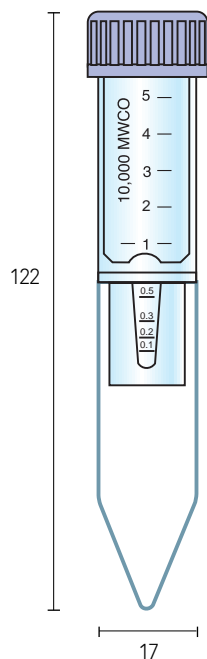
Vivaspin 6

2 - 6 ml samples

Vivaspin 6 ml concentrators have been developed to offer increased volume flexibility and performance.

Vivaspin 6 can process an impressive 6 ml in either swing bucket or fixed angle rotors accepting standard 15 ml conical bottom test tubes.

The Vivaspin 6 features twin vertical membranes for unparalleled filtration speeds and 100x plus concentrations. Remaining volume is easy to read off the printed scale on the side of the concentrator and the modified dead stop pocket further simplifies direct pipette recovery of the final concentrate.



Technical specifications	Vivaspin 6
Concentrator capacity	
Swing bucket rotor	6 ml
Fixed angle rotor	6 ml
Dimensions	
Total length	122 mm
Width	17 mm
Active membrane area	2.5 cm ²
Hold-up volume of membrane	<10 µl
Dead stop volume	30 µl
Materials of construction	
Body	Polycarbonate
Filtrate vessel	Polycarbonate
Concentrator cap	Polypropylene
Membrane	Polyethersulfone

Vivaspin 6

Equipment required	Vivaspin 6	
Centrifuge		
Rotor type	Swing bucket	Fixed angle
Minimum rotor angle	-	25°
Rotor cavity	To fit 15 ml (17 mm) conical bottom tubes	To fit 15 ml (17 mm) conical bottom tubes
Maximum speed	4,000 g	10,000 g*
Concentrate recovery		
Pipette type	Fixed or variable volume	Fixed or variable volume
Recommended tip	Thin gel loader type	Thin gel loader type

* Please note, devices with membrane MWCO >100,000 kDa need to be processed at lower g forces. See data sheets for details.

Typical performance	Time to concentrate 30x min. at 20°C and solute recovery %			
	Swing bucket		25° Fixed angle	
Centrifugal force	3,000 g		7,500 g	
Start volume	6 ml		6 ml	
	Min.	Rec.	Min.	Rec.
Cytochrome c 0.25 mg/ml (12,400 MW)				
5,000 MWCO PES	-	-	90	97 %
BSA 1.0 mg/ml (66,000 MW)				
5,000 MWCO PES	20	98 %	12	98 %
10,000 MWCO PES	13	98 %	10	98 %
30,000 MWCO PES	12	98 %	9	97 %
IgG 0.25 mg/ml (160,000 MW)				
30,000 MWCO PES	18	96 %	15	95 %
50,000 MWCO PES	17	96 %	14	95 %
100,000 MWCO PES	15	91 %	12	91 %
Latex beads 0.004 % in DMEM +10 % FCS (0.055 µm)				
300,000 MWCO PES	-	-	25	99 %
Latex beads 0.004 % in DMEM +10 % FCS (0.24 µm)				
1,000,000 MWCO PES	-	-	4	99 %
Yeast 1.0 mg/ml (S. Cerevisiae)				
0.2 µm PES	4	97 %	3	97 %

Ordering information					
Vivaspin 6 Polyethersulfone					
	Pack size	Prod. no.		Pack size	Prod. no.
5,000 MWCO	25	VS0611	100,000 MWCO	100	VS0642
5,000 MWCO	100	VS0612	300,000 MWCO	25	VS0651
10,000 MWCO	25	VS0601	300,000 MWCO	100	VS0652
10,000 MWCO	100	VS0602	1,000,000 MWCO	25	VS0661
30,000 MWCO	25	VS0621	1,000,000 MWCO	100	VS0662
30,000 MWCO	100	VS0622	0.2 µm	25	VS0671
50,000 MWCO	25	VS0631	0.2 µm	100	VS0672
50,000 MWCO	100	VS0632	Starter pack	25	VS06S1
100,000 MWCO	25	VS0641	(5 of each 5 k, 10 k, 30 k, 50 k, 100 k)		

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