

## Vivaspin 2

### Vivaspin 0.4 to 2 ml

The new Vivaspin 2 bridges the gap between the 500 µl and 4 ml centrifugal concentrators. This device combines the speed of the classic Vivaspin products with low internal surface and membrane area for superior recoveries from very dilute solutions.

Available with a choice of PES, Cellulose Triacetate membranes, Vivaspin 2 offers the highest flexibility for process optimisation.

Also unique to the Vivaspin 2, is the choice of directly pipetting the concentrate from the dead stop pocket built into the bottom of the concentrator, or alternatively reverse spinning into the concentrate recovery cap which can then be sealed for storage.

Both methods result in near total concentrate recoveries.



Performance Characteristics		
Product	Vivaspin 2	
	Time to concentrate up to 30x [min.] at 20°C	Concentrate Recovery %
Centrifugal force	<b>5,000 x g</b>	<b>5,000 x g</b>
Insulin chain A 0.1mg/ml (2,535 MW)		
<b>2,000 MWCO PES</b>	35	95
Aprotinin 0.25mg/ml (6,500 MW)		
<b>3,000 MWCO PES</b>	50	96
BSA 1.0 mg / ml (66,000 MW)		
<b>5,000 MWCO PES</b>	12	98
<b>5,000 MWCO CTA</b>	50	96
<b>10,000 MWCO PES</b>	8	98
<b>10,000 MWCO CTA</b>	10	96
<b>20,000 MWCO CTA</b>	5	96
<b>30,000 MWCO PES</b>	8	97
IgG 0.25 mg / ml (160,000 MW)		
<b>20,000 MWCO CTA</b>	6	97
<b>30,000 MWCO PES</b>	10	96
<b>50,000 MWCO PES</b>	10	95
<b>100,000 MWCO PES</b>	8	95

Ordering Information				
Vivaspin 2 (0.4-2 ml samples) Polyethersulfone Membrane	Pack Size	Prod. No.	Pack Size	Prod. No.
<b>3,000 MWCO PES</b>	25	VS0291	100	VS0292
<b>5,000 MWCO PES</b>	25	VS0211	100	VS0212
<b>10,000 MWCO PES</b>	25	VS0201	100	VS0202
<b>30,000 MWCO PES</b>	25	VS0221	100	VS0222
<b>50,000 MWCO PES</b>	25	VS0231	100	VS0232
<b>100,000 MWCO PES</b>	25	VS0241	100	VS0242
<b>300,000 MWCO PES</b>	25	VS0251	100	VS0252
<b>1,000,000 MWCO PES</b>	25	VS0261	100	VS0262
<b>0.2 µm</b>	25	VS0271	100	VS0272
<b>Start pack PES (5 of each 5k, 10k, 30k 50k 100k)</b>	25	VS02S1	-	-
(0.4-2 ml samples) Cellulose Triacetate Membrane				
<b>5,000 MWCO CTA</b>	25	VS02U1	100	VS02U2
<b>10,000 MWCO CTA</b>	25	VS02V1	100	VS02V2
<b>20,000 MWCO CTA</b>	25	VS02X1	100	VS02X2
Hydrosart				
<b>2,000 MWCO</b>	25	VS02H91	100	VS02H92
<b>5,000 MWCO</b>	25	VS02H11	100	VS02H12
<b>10,000 MWCO</b>	25	VS02H01	100	VS02H02
<b>30,000 MWCO</b>	25	VS02H21	100	VS02H22