

# Filtration

## Centrifugal Concentrators, Vivaspin



Provide a single-step procedure for sample preparation, providing rapid sample filtration and concentration. Comprise centrifuge tube filtrate container with insert containing patented vertical membrane and thin channel filtration chamber. A wide choice of membrane materials is available for compatibility with most sample solutions, and low hold-up and dead-stop volumes ensure recoveries from small samples.

### Specifications

Type		Vivaspin 500	Vivaspin 2
Capacity	ml	0.1 to 0.6	0.4 to 2*
Max. rcf	xg	15000	8000
Hold-up volume	µl	<5	<10
Dead-stop volume	µl	5	8
Membrane area	cm <sup>2</sup>	0.5	1.2
Material			
filtrate container		Polypropylene	Polycarbonate
insert		Polycarbonate	Polycarbonate
Overall L x dia.	mm	50 x 12.5	126 x 17

Type		Vivaspin 6	Vivaspin 15
Capacity	ml	2 to 6	2 to 15
Max. rcf	xg	10000	3000
Hold-up volume	µl	<10	<20
Dead-stop volume	µl	30	50
Membrane area	cm <sup>2</sup>	2.5	4.0
Material			
filtrate container		Polypropylene	Polypropylene
insert		Polycarbonate	Polycarbonate
Overall L x dia.	mm	122 x 16	76 x 25.5

\*Using fixed angle rotor, maximum 3ml with swing-out rotor.

### Additional features of Vivaspin 2

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 be sealed for storage. Both methods result in near total concentrate recoveries.

### Vivaspin Concentrators

As described. Supplied in packs of 25 (except FC890-32 which is supplied in a pack of 12). Packs of 100 are also available – details on request.

	Membrane material <sup>#</sup>	Pore size MWCO x 1000
<b>Vivaspin 500</b>		
FC860-05	PES	5
FC860-10	PES	10
FC860-30	PES	30
FC860-50	PES	50
FC860-70	PES	100
<b>Vivaspin 2</b>		
FC869-05	PES	5
FC869-10	PES	10
FC869-30	PES	30
FC869-50	PES	50
FC869-70	PES	100
<b>Vivaspin 6</b>		
FC877-05	PES	5
FC877-10	PES	10
FC877-30	PES	30
FC877-50	PES	50
FC877-70	PES	100
<b>Vivaspin 15</b>		
FC890-32	Hydrosart*	30

\*Modified regenerated cellulose membrane offering high recovery and low absorption for desalting and concentration of Ig fractions.

<sup>#</sup>Material key:

CA — Cellulose triacetate      PES — Polyethersulphone



FC860 in use, FC869 to FC874 are similar



FC869, FC876, FC890-series