

Vivapure® C18 Micro spin columns - Improved sample preparation for mass spectrometry

Vivapure® C18 Micro spin columns contain an innovative C18 membrane and are easily handled in the centrifuge. They are ideally suited for concentration, purification and desalting of peptides prior to analysis.

Vivapure® C18 - Benefits

- Easy centrifugal procedure
- Minimal hands on time
- High loading capacity (up to 200 µl)
- Low elution volume (3 µl)
- Direct elution with matrix possible
- Highly reproducible
- Convenient parallel processing



Centrifugal procedure

All steps are performed in the centrifuge offering much more convenience than tedious repetitive pipette steps.

High volume capacity

Vivapure® C18 Micro spin columns can be loaded with up to 200 µl of sample volume per centrifuge run.

Low elution volume

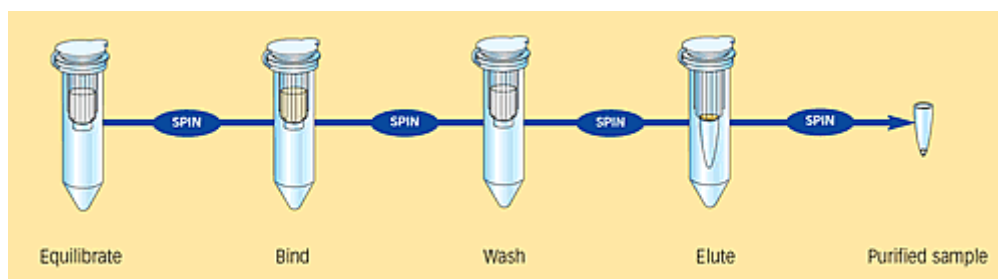
Due to the minimised dead volume, you can elute in only 3 µl. Optional elution with matrix containing solvents allows fast processing.

High reproducibility

Highly reproducible results are obtained due to the the innovative membrane technology and to the reproducible handling conditions in the centrifuge.

Convenient parallel processing

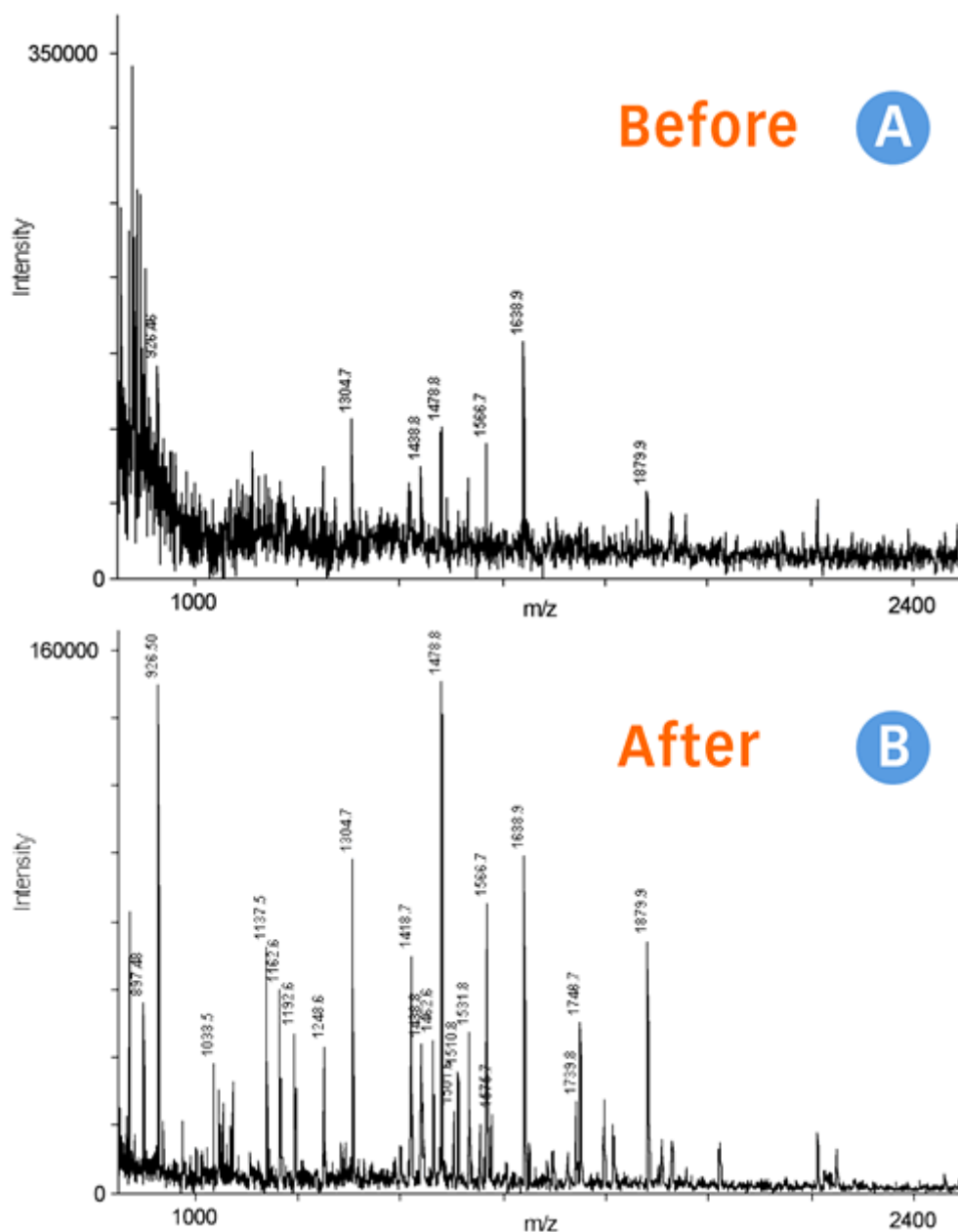
The centrifugal format allows convenient processing of multiple samples in parallel.



Consistent results and convenient handling

Highly dilute peptide samples (<1 fmol/μl) generated from bovine serum albumin (BSA) digestion were either directly spotted on a target (A) or pre-treated with the Vivapure® C18 Micro spin columns (B) and then spotted on a target.

Desalting and sample concentration with Vivapure® C18 Micro spin columns gave rise to a better resolution and an increased number of signals suitable for protein identification.



Vivapure® C18 Micro spin columns

Cat. No. VS-RP218L24

Vivapure® C18 Micro spin columns 24

Micro collection tubes, 200 µl	24
Collection tubes, 2 ml	48
Instruction manual	1

Specifications

Maximum volume	200 µl
Maximum speed for devices, including 200 µl liquid	400 x g
Maximum speed for devices, empty	13,000 x g
Binding capacity (for standard digestion)	up to 5 µg

