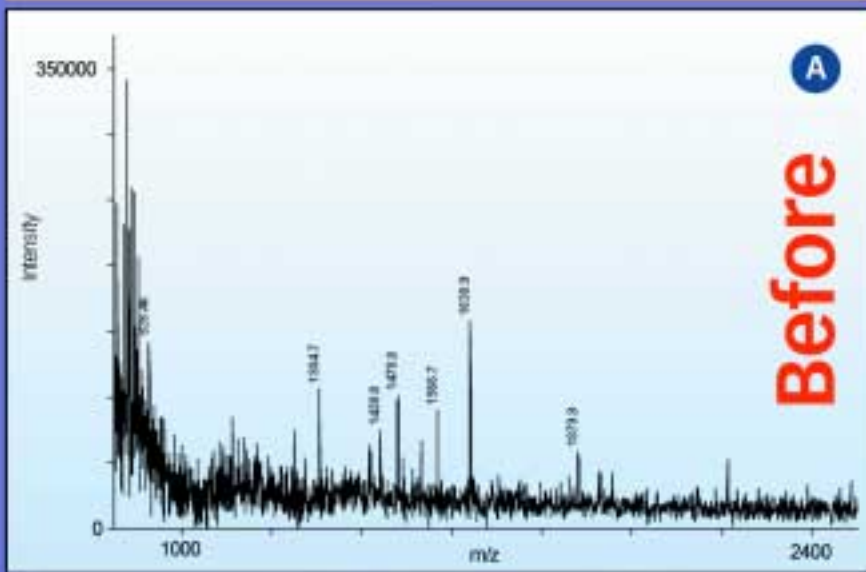


Vivapure® C18 Micro spin columns

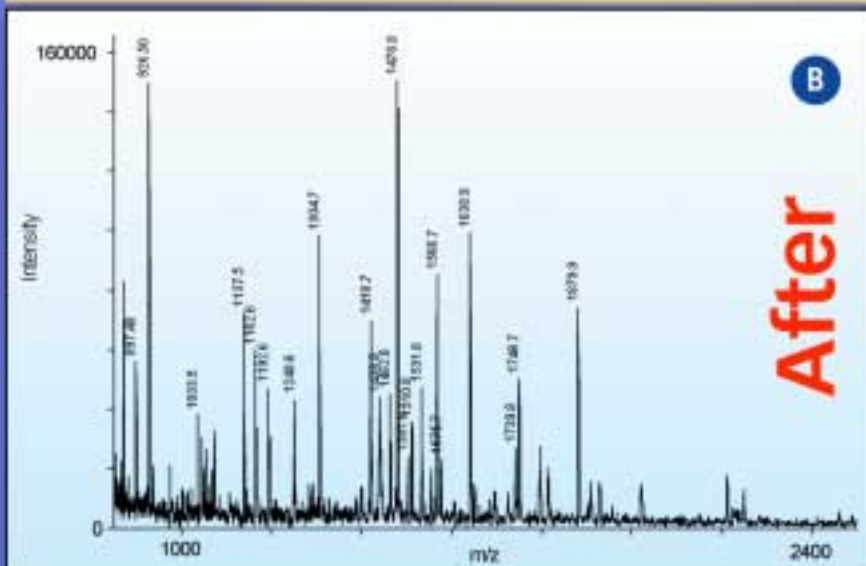
Effective desalting and concentration of highly dilute peptide samples

MALDI spectrum of BSA digest

Before Vivapure® C18 sample preparation



After Vivapure® C18 sample preparation



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

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 improved the coverage and signal strength.

C18-Membrane technology

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

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, elute in only 3 µl! Optional elution with matrix containing solvents allows fast processing.

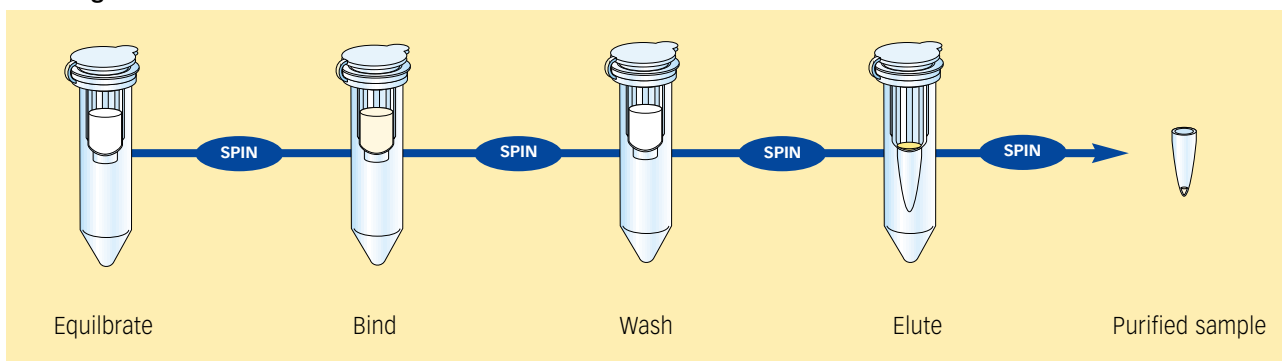
High reproducibility

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.

Handling overview



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



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