

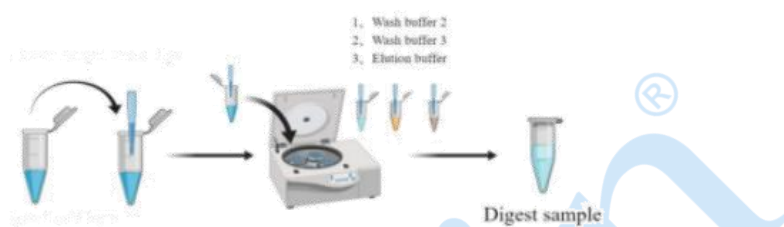
Peptide Desalting Columns Supporting Reagent

H1456342

Storage Room temperature . Protect from light.

Introduction:

Supporting Reagent with the desalting column can handle the desalting step after enzymatic hydrolysis, quickly prepare pretreated samples, and are used for subsequent mass spectrometry analysis.



Schematic diagram of the operation process

Product Components and Storage Conditions:

H1456342	Component	25T	48T	96T	Storage
H1456342A	Wash buffer 1	9.5 mL	17.5 mL	35 mL	RT
H1456342B	Wash buffer 2	6 mL	12 mL	24 mL	RT
H1456342C	Wash buffer 3	6 mL	12 mL	24 mL	RT
H1456342D	Elution buffer	12 mL	25 mL	50 mL	RT. Store in the dark.
H1456342E	Loading buffer	500 μ L	1 mL	2 mL	RT

Operating Procedure:

1. Add 320 μ L of Wash buffer 1 to the sample after enzymatic hydrolysis, shake vigorously for 3 minutes, centrifuge at 15000rpm for 3 minutes, and remove the upper liquid.
2. Transfer the lower layer sample into the Tip column, centrifuge at 2500rpm for 3-5 minutes until all the liquid is centrifuged down. If the liquid flow rate is slow, the rotation speed can be increased.
3. Add 200 μ L of Wash buffer 2 (shake for 10-20 seconds before use) to the desalting column, centrifuge at 2500rpm for 3-5 minutes until all the liquid is centrifuged down.
4. Add 200 μ L of Wash buffer 3 to the desalting column, centrifuge at 2500rpm for 3-5 minutes until all the liquid is centrifuged down.
5. Put the desalting column into a new EP tube, add 200 μ L of Elution buffer to the desalting column, centrifuge at 2000rpm for 3-5 minutes until all the liquid is centrifuged down.
6. Repeat step 5, collect the eluates from both times, and freeze-dry them.

7. Add 10 μ L of Loading buffer, vortex vigorously for 3 minutes, centrifuge at 20000g for 10 minutes, take an appropriate amount of sample for mass spectrometry detection. Taking the HF-X instrument as an example, 0.5-1 μ g of sample is sufficient for loading.

Precautions and Disclaimer:

This product is limited to scientific research use by professional personnel. It must not be used for clinical diagnosis or treatment, nor for food or drugs.

