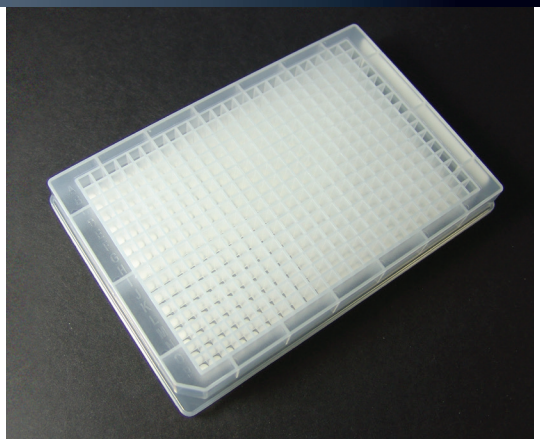
384-Well Peptide Desalting Plate

2025

Analytical offers a unique new product, a 384-Well Desalting Plate for Peptides. This high-throughput peptide clean-up product works great for preparing peptide samples for mass spectrometry analysis.



Features and Advantages:

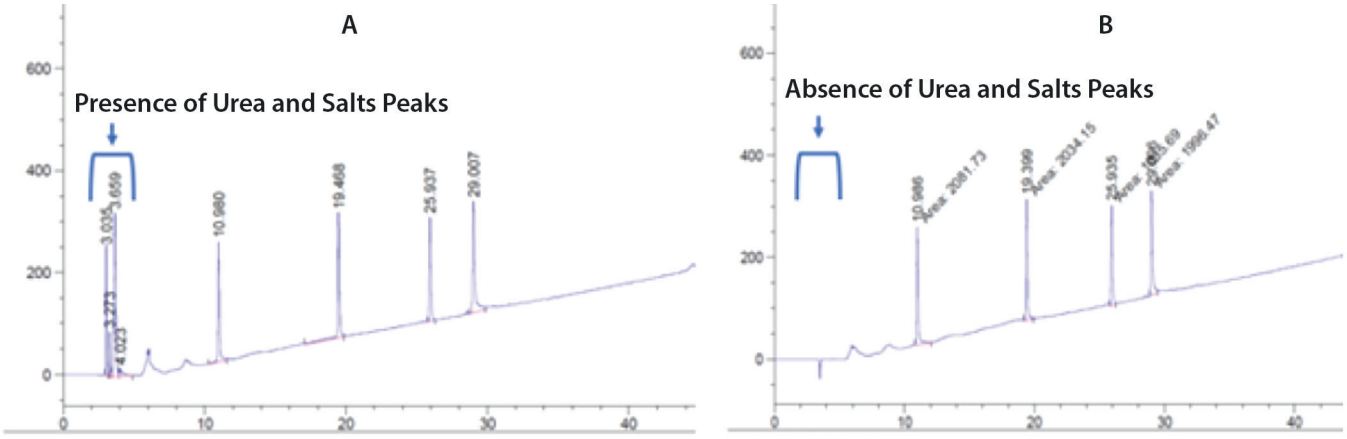
- 384-well plate with proprietary resin
- Works for both hydrophilic and hydrophobic peptides
- Removes urea and other salts from peptide samples with high recovery

High-throughput format allows simultaneous handling of 384 samples for peptide desalting with the use of centrifugation.

Cat. No.	Description	Qty
384PDP140	384-Well Peptide Desalting Plate	Each

Experimental Data:

HPLC chromatograms of peptide samples before (A) and after desalting (B) using 384-Well peptide desalting spin plate.



General Protocol:

STEP 1	Activate the hydrophobic, low carbon loading resin by adding 100µL of acetonitrile and centrifuge at 300 x g for 3 minutes and repeat the step.
STEP 2	Equilibrate the resin by adding 100µL of 0.1% trifluoroacetic acid (TFA) TFA in water and centrifuge at 300 x g for 3 minutes and repeat the step for two additional times.
STEP 3	Add the sample (0.5µg – 30µg) in 50µL after diluting the sample 2-fold in 0.4% TFA in water and centrifuge at 300 x g for 3 minutes.
STEP 4	Wash the resin by adding 100 µL of 0.1% TFA in water and centrifuge at 300 x g for 3 minutes and repeat the step for two additional times.
STEP 5	Elute the bound peptides by adding 50 µL of 70% acetonitrile containing 0.1% TFA and centrifuge at 300 x g for 3 minutes and repeat the step.

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