

## DESALTING OF PEPTIDE MIXTURE PRIOR TO ESI-MS ANALYSIS (CYTOCHROME C TRYPSIN DIGEST)

## NEW! OASIS® µELUTION PLATE



## **EST-MS CONDITIONS**

Waters Micromass LCT System Capillary Voltage: 2.8 kV Sample Cone Voltage: 35 V Extraction Cone Voltage: 5 V Gas Flow: 520 and 310 L/h

> Peptide mixture prepared by digestion of Cytochrome c by trypsin in 20 mM trisglycine buffer

## OASIS® HLB 96-WELL µELUTION PLATE Part Number 186001828BA

CONDITION: 200 µL Acetonitrile EQUILIBRATE: 200 µL 0.1% TFA LOAD: 0.1-0.5 mL of sample in 0.1% TFA solution (at 1 mL/min or less, low loading speed prevents breakthrough of peptide) WASH 1: 800 µL of 0.1% TFA solution (to remove salts) WASH 2: 200 µL of H<sub>2</sub>O (to remove excess buffer and salts) ELUTE: 50 µL of 70% ACN using a vacuum manifold (Alternatively, centrifuge plate with 25  $\mu L$  of 70% ACN) ANALYZE BY ESI-MS

Reference: M. Gilar, A. Belenky, B. H. Wang, J. Chromatog. A, 921 (2001) 3-13