

SOLA μ SPE well plates

Clean-up of peptide mixture
prior to analysis



Thermo Scientific™ SOLA μ ™ HRP solid phase extraction (SPE) well plate method for clean-up and concentration of peptides from a digest sample is described below. High and reproducible recoveries were observed over a range of peptides spanning various molecular weights, pI values and hydrophobicities. The tested peptides were derived from a tryptic digest of cytochrome c using Thermo Scientific™ SMART Digest™ kit.

Using a vacuum manifold or positive pressure manifold, add the liquids as described below to the appropriate wells and slowly pull through to dryness. Collect the final 'Elute' fraction into a 96-well collection plate for analysis.



Condition

1. 200 μ L acetonitrile

2. 200 μ L 0.1% TFA



Load and wash

3. Sample diluted 1:1 with 0.1% TFA

4. 200 μ L 0.1% TFA

An additional wash of 0.1% formic acid may be used if required



Elute

5. 2 \times 25 μ L 70% acetonitrile (aq)

6. Dilute with 50 μ L water



Ordering information

Product	Cat. no.
SOLA μ HRP SPE well plate	60209-001
SMART Digest Kit with SOLA μ HRP SPE well plate	60109-103
Thermo Scientific™ WebSeal 96-Well Non-Coated Plastic Microplate	60180-P212
Thermo Scientific™ WebSeal Nonsterile Mat	60180-M122

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