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SOLAµ SPE well plates

Clean-up of peptide mixture prior to analysis



Thermo Scientific™ SOLAµ™ 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, pl 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 µL acetonitrile
- 2. 200 µL 0.1% TFA



Load and wash

- 3. Sample diluted 1:1 with 0.1% TFA
- 4. 200 µL 0.1% TFA

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



Elute

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

6. Dilute with 50 μL water

Ordering information

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

Find out more at thermofisher.com/solaspe

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