Purification and Concentration of Peptides by Zip-Tip
UCSF Chem219 2010

(The procedure described here may be used in parallel to process several digests side-by-side.)

Items Required For Each Peptide Digest:
Zip-Tip C18 10 µL (P-10) Cartridge columns
Solution A.  50% Acetonitrile / 0.1 % Formic acid
Solution B.  Water / 0.1% Formic acid

1. Pipette 2 x 10 ul solution A through the zip-tip to wet the resin.

2. Pipette 2 x 10 ul solution B through the zip-tip to equilibrate the resin.

3. Aspirate the sample up and down 5 times through the zip-tip to bind peptides to the resin.

4. Pipette 3 x 10 ul solution B through the zip-tip to wash away salts.

5. Elute peptides from zip-tip into new tube by pipetting 2 x 10 ul of solution A.

6. Speed vac to dryness.

7. Re-suspend in 10 ul 0.1% formic acid for MS analysis.