

# Zip-Tip clean-up

The protocol assumes use of 10  $\mu\text{l}$  capacity Zip-Tips. For larger Zip-Tips, increase the aspirated volumes accordingly. Avoid aspirating air into the tip throughout the procedure.

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## Reagents

Wetting solution (100% acetonitrile)

Wash solution (0.1% formic acid in  $\text{H}_2\text{O}$ )

Elution solution (0.1% formic acid/50% acetonitrile/50%  $\text{H}_2\text{O}$ )

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## Sample preparation (optional)

Dry down sample and re-suspend in 10  $\mu\text{l}$  wash solution.

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## Procedure

1. Pre-wet the zip tip with 10  $\mu\text{l}$  wetting solution. Dispense to waste and repeat.
2. Aspirate 10  $\mu\text{l}$  wash solution. Dispense to waste and repeat.
3. Aspirate and dispense (pipette up and down) the sample 7-10 times. At this point the sample binds to the matrix.
4. Aspirate the wash solution and dispense to waste. Repeat twice.
5. Elute the peptides by aspirating 10  $\mu\text{l}$  of elution solution. Move the tip to a clean well or vial and pipette up and down without introducing air approximately 5 times before final dispense.
6. Repeat if necessary and pool elutions. (It is generally a good idea if there is a lot of sample, as there may be a lot bound to the tip).
7. Dry down the eluted samples.