

## OMIX C18 Cleanup Procedure

05/07/07

OMIX C18 tip, Varian Cat #: A5700310 & A57003100

100  $\mu$ L tip good for up to 75  $\mu$ g of peptide/protein

Note that Wash 1 – 3 should be in separate vials, more washes may be needed for particularly salty samples.

### Reagents

100% Acetonitrile (ACN)

50% ACN / 50% [0.1% Formic Acid (FA)]

0.1% Trifluoroacetic Acid (TFA)

1% TFA

0.1% FA

50% Methanol (MeOH) / 50% (0.1% FA)

### Column Wash and Sample Prep

(2x) Wash tip with 100  $\mu$ L ACN slowly

(2x) Wash tip with 100  $\mu$ L 50% ACN / 50% (0.1% FA) slowly

(4x) Wash tip with 100  $\mu$ L 0.1% TFA

Add 4  $\mu$ L of 1% TFA to sample to acidify

-pH < 3 for the procedure to work, add more TFA if needed

### Sample Loading and Elution

(8x) Pipette up and down slowly in Sample Vial to load sample on column

Wash tip with 200  $\mu$ L of 0.1% FA (Wash 1)

Wash tip with 800  $\mu$ L of 0.1% FA (Wash 2)

Wash tip with 200  $\mu$ L of 0.1% FA (Wash 3)

(8x) Pipette up and down slowly in 120  $\mu$ L of 50% MeOH / 50% (0.1% FA) to elute