

Store at  
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# Peptide Desalting C18 StageTip Adaptor

#58992

10 assays



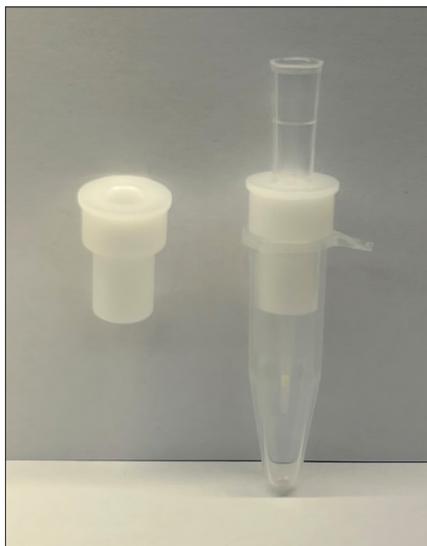
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## For Research Use Only. Not for Use in Diagnostic Procedures.

**Description:** The Peptide Desalting C18 StageTip Adaptor is a reusable option to vertically position a C18 StageTip inside a microcentrifuge tube, allowing for removal of wash and waste solutions and for collection of desalted peptide elutions.

**Storage:** Store at room temperature.



*A Peptide Desalting C18 StageTip Adaptor can be inserted into a 1.5 mL microcentrifuge tube (not provided). A Peptide Desalting C18 StageTip #45943 can then be placed through the central hole of the adaptor, such that solutions can pass through StageTip by centrifugation and collect in the bottom of the microcentrifuge tube.*

### Directions for Use:

Use with a Peptide Desalting C18 StageTip for processing peptide samples prior to liquid chromatography-mass spectrometry (LCMS). Dimensions of microcentrifuge tubes and centrifuge devices can vary, and we recommend a microcentrifuge tube that can accommodate the inner diameter of the adaptor and a centrifuge that can accommodate the tube, adaptor, and StageTip with a rotor lid. Below are examples of equipment we have tested that fit the provided adaptor.

Recommended equipment (not provided):

Posi-Click 1.5 mL graduated microcentrifuge tube (Thomas Scientific)

Peptide Desalting C18 StageTip (Cell Signaling Technology, #45943)

MiniSpin Centrifuge with F-45-12-11 rotor (Eppendorf)

- 1) Remove the lid from a clean 1.5 mL microcentrifuge tube.
- 2) Insert an adaptor inside the microcentrifuge tube.
- 3) Insert a Peptide Desalting C18 StageTip through the central hole in the adaptor. The StageTip should sit easily inside the adaptor. There should be enough space between the bottom of the microcentrifuge tube and the bottom of the StageTip to accommodate at least 100  $\mu$ L of liquid. Users can proceed with peptide desalting.
- 4) After experiments are finished, users can wipe clean the adaptor with 70% ethanol and air dry it if necessary. DO NOT use detergent- or soap-containing solutions to clean the adaptor. Users can store the adaptor for re-use at room temperature in a closed bag or box to minimize dust exposure.

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**Applications:** W—Western IP—Immunoprecipitation IHC—Immunohistochemistry CHIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry FC-FP—Flow cytometry-Fixed/Permeabilized FC-L—Flow cytometry-Live E-P—ELISA-Peptide  
**Species Cross-Reactivity:** H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse  
**All**—all species expected. Species enclosed in parentheses are predicted to react based on 100% homology.