

AUG 08, 2023

kit

Reverse-phase high pH fractionation, using the Pierce

Louise Uoselis¹

¹WEHI



Louise Uoselis WEHI

ABSTRACT

This protocol uses the Pierce™ High pH Reversed-Phase Peptide Fractionation Kit (Thermo Fisher, Cat# 84868)





Protocol Citation: Louise Uoselis 2023. Reverse-phase high pH fractionation, using the Pierce kit. protocols.io https://protocols.io/view/rever se-phase-high-phfractionation-using-the-piercyerxtd6

License: This is an open access protocol distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working We use this protocol and it's working

Created: Aug 08, 2023

Last Modified: Aug 09,

2023

PROTOCOL integer ID:

86193

8

4m **Conditioning the columns** 1 Remove the white cap on the end of the column and place the column in a 2 mL collection tube 2 2m 5000 rcf, Centrifuge at Room temperature , discard the liquid 00:02:00 3 Remove the screw cap and add \perp 300 μ L ACN to the column (replacing the screw cap after) 4 5000 rcf, Room temperature, discard the liquid Centrifuge at 00:02:00 5 Repeat steps 3 and 4 (for a total of 2 washes with ACN) 6 Repeat steps 3 – 5 with 0.1% TFA instead of ACN (total of 2x washes with 0.1% TFA) 7 The column is now ready to use 16m 20s Fractionating the samples

Add A 300 µL of 0.1% v/v trifluoroacetic acid to each sample



- 18 If you are concatenating the fractions, combine the fractions into the desired combinations
- 19 Lyophilise all samples until there are only a few μL left in the tube