

QUICK REFERENCE CARD

1



1. Add 20 μ l Dissolution Buffer (light blue cap) to the PQ500 Reference Peptides vial (clear cap with red insert)
2. Vortex to mix, sonicate 5 minutes if possible

2



1. Add 100 μ l LC solution (clear cap) to the PQ500 Reference Peptides vials (clear cap with red insert)
2. Vortex to mix
3. If required, store the resuspended Reference Peptide Mix in aliquots at -20°C or lower and use within two months

3



Download the latest detailed manual for PQ500™ Reference Peptides 48 Kit at:
<https://biognosys.com/shop/PQ500-Reference-Peptides>

Add Reference Peptide Mix to your injection-ready peptide sample according to the instructions in the PQ500™ manual.

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It is strongly recommended to use Biognosys' software (i.e. SpectroDive™ and Spectronaut™), with the corresponding PQ500™ Plug-ins, for easy and efficient LC-MS method set-up and data analysis.

Visit <https://biognosys.com/products/software> for more information.

Let us help you to get the most out of your samples!
Contact support@biognosys.com for assistance.

GENERAL INFORMATION

The PQ500™ Reference Peptides 48 Kit contains 1x Dissolution Buffer (light blue cap), 1x LC solution (clear cap) and 2x PQ500 Reference Peptides (clear cap with red insert) for use in mass spectrometry proteomics.

The PQ500 Reference Peptides mix is composed of i) isotopically labeled synthetic peptides representing more than 500 human proteins and ii) IRT peptides – non-naturally occurring synthetic peptides that are used for retention time calibration and quality control. This allows the use of virtually any liquid chromatography set-up and efficient analysis with any Biognosys software solution.

The PQ500™ Reference Peptides 48 Kit can be seamlessly combined with Biognosys' software (i.e. SpectroDive™ and Spectronaut™), which enable among other things easy MS method set-up and automated signal processing of your measurements. Additional information can be found at:

<https://biognosys.com/SpectroDive>
<https://biognosys.com/Spectronaut>

The PQ500™ Plug-ins for your application to use with SpectroDive™ or Spectronaut™, as well as the detailed manual for the complete PQ500™ workflow can be downloaded at:

<https://biognosys.com/PQ500>

If you require additional information for using PQ500™ Reference Peptides 48 Kit in any other application, please contact support@biognosys.com.

STORAGE INSTRUCTIONS:

Store the lyophilized PQ500 Reference Peptides at - 20 °C.
All other buffers should be stored at 2 - 8 °C.

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Technical Support:
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QUICK REFERENCE CARD FOR PQ500™ REFERENCE PEPTIDES 48 KIT, PART NO. PA-2035_V2

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FOR GENERAL CHEMICAL SAFETY INFORMATION, BACKGROUND INFORMATION, AND DETAILED PROCEDURES, PLEASE REFER TO [HTTPS://BIOGNOSYS.COM/SHOP/PQ500-REFERENCE-PEPTIDES](https://biognosys.com/shop/pq500-reference-peptides)