

## List of Testing Services

**PS-CLAS-1**  
**(Std 2D fractionation and software for analysis)**

**PS-CLAS-FC**  
**(Collect all 2<sup>nd</sup> Dimension Fractions  
in 96 well plates)**

**PS-CLAS-PREP**  
**(Sample Prep)**

**PS-CLAS-2**  
**(Mass/pl Map)**

**PS-CLAS-3**  
**(1<sup>st</sup> dimension CF Analysis only )**

**PS-CLAS-4**  
**(Hydrophobicity Analysis a single CF fraction  
or prepped protein sample)**

**PS-CLAS-FCP**  
**( Selected fraction collection in 96 well Plates)**

**PS-CLAS-MW**  
**MALDI or LC-MS analysis on Intact Proteins**

**PS-CLAS-MSMS**  
**Protein ID by LC-MSMS or MALDI MSMS**

## Detailed Description of Testing Services

**PS-CLAS-1** – produces one full ProteoVue 2D protein pl vs. Hydrophobicity map from a single specimen. The data in the form of a \*.vue file readable by Eprogen's ProteoVue Software Suite will be provided. See PS-CLAS-FC if collection of fractions from the 2nd Dimension analysis are required.

**PS-CLAS-FC** – provides for collection of a pre-selected retention time window from the second dimension analysis of a PS-CLAS-1 analysis for all pl fractions. Up to 1000 fractions are collected in 96-well plates for return to the customer or storage at -80 C. Time per well location information will be provided to aid in locating protein(s) for further analysis. Either 48 or 96 fractions per analysis are collected in the 96 well plate formats. 384 well plate collections are also available upon request (not standard).

**PS-CLAS-PREP** – covers additional processing of a sample necessary to make it ready for any of the PS-CLAS analyses. This is included in the PS-CLAS-1 analysis.

**PS-CLAS-2** – produces one Mass vs. pl protein map from a single specimen with the data reported in the form of a \*.vue file readable by the ProteoVue Software Suite. Each PS-CLAS-2 requires a PS-CLAS-1 to be run first.

**PS-CLAS-3** – produces, for a single specimen, a set of pl fractions (typically 16-20) from the 1st Dimension chromatofocusing (CF) run only. No second dimension analysis is performed. Data in the form of a UV trace with pl fraction information provided to the client. Collected CF fractions will be returned.

**PS-CLAS-4** – provides for a single Hydrophobicity analysis of an individual pl fraction from a 1st dimension (PS-CLAS-3) analysis or a specific protein sample of interest (no CF run is required). Data is supplied in the form of a reverse phase \*.vue file readable by Eprogen's ProteoVue Software Suite with pl fraction information provided for the fraction analyzed (when available).

**PS-CLAS-FCP** – provides for the collection of fractions for a PS-CLAS-4 analysis into a 96 well plate. Time per well location information will be provided to aid in locating protein(s) for further analysis. A 384 well plate collection is also available upon request (not standard).

**PS-CLAS-MW** – provides for intact protein molecular weight determination of a single well collected under PS-CLAS-FC or PS-CLAS-FCP. A report of the molecular weight information and detailed ion chromatograms for all masses detected by MS (LC-MS or MALDI MS) will be provided. Prices are quoted on a per fraction basis.

**PS-CLAS-MSMS** – provides for trypsin digestion and subsequent LC/MS/MS or MALDI MSMS peptide analysis for possible protein ID on a single PS-CLAS-FC or PS-CLAS-FCP fractions. ID information is obtained from all available public protein ID databases. Prices are on a per fraction basis.