

Sample Submission Form for Protein MS/MS Identification & Analysis

Proteomics Core Lab

Institute of Plant and Microbial Biology/Agricultural Biotechnology Research Center

Lab No & Inst.: _____ PI Sign : _____

Contact Name : _____ Date : _____

Contact Email : _____ Phone : _____

** To help for proper handling of your samples, please fill in following questionnaires as much as you can. Please also refer to the Instruction for Sample Preparation and Submission for more information.*

1. Sample biological source (species, organism) : _____

** Please specify/provide your favorite protein sequence database, or we will download protein database according to the specified biological source from NCBI for protein ID search.*

2. Any separation performed? 2D gel; 1D gel; Other (Describe:) _____

3. Gel was stained with? Sypro Ruby; Coomassie; Silver; Other : _____

4. Any modification performed? None; Alkylation with IAA or Other : _____

5. Any digestion performed? None; Trypsin; Other : _____

6. Other: (solution components and concentration): _____

Fill in sample information in the table and select service(s): (A) Trypsin digestion; (B) LC-MS/MS for protein ID with 40 or 90 min. of LC gradient time; (C) Phosphopeptide enrich & LC-MS/MS analysis; (D) 2-Dimensional LC-MS/MS for highly complex tryptic peptide separation and protein identification; (E) Database search.

Sample Information		Service(s) Request	Sample Process (Core Lab use)				
Sample No.	Sample Name	amt./vol (pmol/ul)	(e.g. A + B (40min) + E)	Sample core No.	C18 Tip	p/inj.	MS/MS note
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

- ◆ **Charges for services:** (A) Trypsin digestion: 250/sample; (B) LC-MS/MS 40-min LC: 1,200, or 90-min LC: 1,800/sample. Discount policy for (B): If >5 samples, = 5 samples in regular price + (sample total No. - 5) × 70% of the regular price; (C) Phosphopep enrich & anal: 2,000/sample; (D) 2D LC-MS/MS (1st dimension: ~20 SCX fractions and 2nd dimension: C18-LC): 30,000/sample (+/- 1,742 for +/- one fraction); (E) Database search: 20% off the above LC-MS/MS service charges if database search service is not needed.

- ◆ Submit the completed form with your sample to A227, Agricultural Technology Building.