

Name \_\_\_\_\_ PO # \_\_\_\_\_ # Antibodies \_\_\_\_\_

Department \_\_\_\_\_ Institution \_\_\_\_\_

Phone # \_\_\_\_\_ Fax # \_\_\_\_\_ E-mail \_\_\_\_\_

Shipping Address:

\_\_\_\_\_  
\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZipCode \_\_\_\_\_

Billing Address:

\_\_\_\_\_  
\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZipCode \_\_\_\_\_

Sample # \_\_\_\_\_ Protein/Pep Name/Species \_\_\_\_\_

AA Sequence/Database ID (if known) \_\_\_\_\_

\_\_\_\_\_ MW (Da) \_\_\_\_\_

Is sample in solution? Yes/No If yes, what solvent? \_\_\_\_\_

Pmol in sample \_\_\_\_\_ Volume \_\_\_\_\_

If not, sample is soluble in \_\_\_\_\_

Sample Preparation/Solvents/Salts, etc. (indicate if present):

- toxic materials \_\_\_\_\_  salts \_\_\_\_\_  
 detergents \_\_\_\_\_  buffers \_\_\_\_\_  glycerol \_\_\_\_\_ %  
 preservatives \_\_\_\_\_  guanidine \_\_\_\_\_ M  urea \_\_\_\_\_ %

Is sample a:  tryptic digest  synthetic peptide  native protein

Were cysteines modified? Yes/No With what reagent? \_\_\_\_\_

Special Instructions? \_\_\_\_\_

**Desired Analysis:**

- Purity analysis (RP-HPLC)
- Protein/peptide mass determination
- Protein ID (pep mass mapping/database ID)
- MS/MS peptide sequencing
- Fast Proteo Check™
  - Level I – MALDI analysis
  - Level II – HPLC/MALDI analysis
  - Level III – full LC/MS (ESI) analysis
- Complex mixture separation/purification (contact 21<sup>st</sup> CB)

***FAST/ProteoCheck™***

Rapid Sample Assessment

*FAST ProteoCheck™* is a rapid, multi-level screen of your sample, allowing us to more accurately determine the suitability of your sample for further workup. In 5-10 days receive a preliminary, lower cost analysis of your sample and speak with our scientists to determine the best course of action!



Only 21<sup>st</sup> Century Biochemicals offers free peptide sequencing with all medium and large-scale peptide orders (90+% purity)!

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33 Locke Drive, Marlboro, MA 01752 [www.21stcenturybio.com](http://www.21stcenturybio.com) [info@21stcenturybio.com](mailto:info@21stcenturybio.com)

508.303.8222 508.303.8333 Toll-free in the US: 877.217.8238