

General Sample Submission Form
University of Utah
Mass Spectrometry and Proteomics Core Facility

User Information

Name: _____
Department: _____
Principal Investigator: _____
Account # _____

Submission Date: _____
Telephone: _____
Email address: _____
Send Results by Email: yes (additional \$5 charge)

Fill in all applicable information as completely as possible

Sample Information

Sample ID / Description on vial _____
MW / Formula _____ Approx Amount _____ Approx Purity _____ HPLC or C18 purified ? _____
Structure information sent electronically or attached: yes no Storage conditions: 4⁰C -20⁰C -80⁰C
Hazardous Material? _____ If YES, please describe (toxic, radioactive, carcinogen, etc.) _____

Structure: _____

Sample Type:

Peptide _____ DNA _____ RNA _____ PCR product _____ Lipid _____ Polymer _____
Other (attach structure, if known) _____

Does the sample or solution contain (or was exposed to) any of the following and at what concentration (even trace levels):

Detergents (e.g. SDS, Triton, Tween) _____ Did you use glassware previously exposed to detergents? _____
Any type of Polymer (e.g. PEG) _____ DTT _____ BME _____ DMSO _____ DMF _____ DCM _____ TFA _____
Sephadex _____ HEPES (or other non-volatile buffer) _____ Denaturants (e.g. urea) _____
List any enzymes or protease inhibitors _____ Derivatives _____

Samples in Solution:

Approx. concentration _____ Describe the solution in detail (buffer, salts, pH, TFA, etc) _____

Samples in Dry Form:

Approx. amount _____ Describe the sample in detail (buffer, salts, contaminants, etc) _____
What is the sample soluble in? _____

Desired Information:

MW confirmation _____ MW of an unknown _____
Structure information (MS/MS) _____ Fragmentation method: CID ECD IRMPD
Accurate mass measurement: MALDI/ToF (reflectron) _____ FTMS _____ Request Internal Std _____
Other (describe) _____
Method of Analysis: LC/MS/MS _____ LC/MS/MS (FTMS) _____ MALDI/FTMS _____ MALDI/ToF _____ ESI/MS _____ ESI/FTMS _____

Location and Staff

Room 470 BPRB
20 South 2030 East
Biomedical Polymers Research Building (BPRB), Room 470
University of Utah
Salt Lake City, Utah 84112-5700
581-5018 or 585-9865
www.cores.utah.edu

MS file names:

Cost for analyses:

Director: Chad C. Nelson, Ph.D. (chad.nelson@genetics.utah.edu)
Manager: Krishna Parsawar, Ph.D. (krishna@genetics.utah.edu)
Analyst: Mike Hanson, Ph.D. (mike.hanson@genetics.utah.edu)

Notified user of completed analysis: email phone Date: _____