# General Sample Submission Form

**University of Utah**  
**Mass Spectrometry and Proteomics Core Facility**

## User Information

Name: ___________________________________________  
Submission Date: ___________________________________

Department: ______________________________________  
Telephone: ________________________________________

Principal Investigator: _______________________________  
Email address: _____________________________________

Account #: _______________________________  
Send Results by Email: □ yes (additional $5 charge)

## Sample Information

<table>
<thead>
<tr>
<th>Sample ID / Description on vial</th>
<th>MW / Formula</th>
<th>Approx Amount</th>
<th>Approx Purity</th>
<th>HPLC or C18 purified?</th>
<th>Structure information sent electronically or attached: □ yes □ no</th>
</tr>
</thead>
</table>

Storage conditions:  
- 4°C  
- -20°C  
- -80°C

Hazardous Material? __________ If YES, please describe (toxic, radioactive, carcinogen, etc.) ________________________________

**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

**MS file names:**

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](http://www.cores.utah.edu)

**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: ________________________________

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*Fill in all applicable information as completely as possible.*