

Protein ID/ Shotgun Proteomics - Sample Submission Form

Requestor:

Email:

Address:

PI:

Index Number: (for Billing purposes):

Please refer to the facility web page for fee details montana.edu/massspec/fees

Sample Information: solution or in-gel, stain used, destain, species, tentative molecular weight (please attach an image of the SDS-PAGE gel)

Genome ID:

Protein sequence: (FASTA format):

Sample preparation: (how was the sample obtained?)

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.....

Analysis requested:

- | | |
|--|--|
| <input type="radio"/> Sample prep | <input type="radio"/> PTM analysis |
| <input type="radio"/> Protein ID: <ul style="list-style-type: none"><input type="radio"/> In-gel digestion<input type="radio"/> In-solution digestion | <input type="radio"/> Shotgun proteomics |
| <input type="radio"/> Peptide Spectra Match data analysis | <input type="radio"/> LC : <ul style="list-style-type: none"><input type="radio"/> Short (30min)<input type="radio"/> Long (60-120 min) |

Solvent / Buffer sample is dissolved in (ions, salts, metals, and concentration):

Recommended buffers for LCMS (Ammonium Bicarbonate, Ammonium Acetate)

Questions: email ganesh@montana.edu

Important Note: Avoid Contamination

1. **Make sure to discuss with the facility manager regarding instrument availability. Data turnaround depends on instrument availability, facility personnel availability and it is usually 7 to 10 working days.**
2. **Make sure to read the facility-suggested protocol for sample preparation (available through facility webpage)**