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?)

Analysis requested:

- Sample prep
- Protein ID:
  - In-gel digestion
  - In-solution digestion
- Peptide Spectra Match data analysis
- PTM analysis
- Shotgun proteomics
- LC:
  - Short (30min)
  - 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)