

Proteomics Services

Itemized Fees (\$)

<p>Protein ID from SDS Gel</p> <p>Identification of protein from 1D Gel bands or 2D Gel Spots</p> <p>Includes: in-gel trypsin or chymotrypsin digest, LC/MS/MS analysis, one Mascot database search, and report of search results</p>	<p>165.00 per excised gel band or gel spot 15.00 for samples requiring Ziptip™ purification</p>
<p>Protein ID from Solution</p> <p>Includes: in-solution trypsin or chymotrypsin digest, LC/MS/MS analysis, one Mascot database search, and report of search results</p>	<p>165.00 per sample* 15.00 for samples requiring Ziptip™ purification</p> <p>* added costs apply for digests with certain enzymes (e.g. Asp-N)</p>
<p>Protein ID from Complex Isolates in Solution and IP Pull-down Experiments</p> <p>SCX fractionation of peptides required (i.e. “Mudpit”-type analysis)</p> <p>Includes: in-solution trypsin digest, LC/MS/MS analysis, one Mascot database search, and report of search results</p> <p>Digests with alternative enzymes are available (e.g. chymotrypsin, pepsin, thermolysin, Asp-N, Glu-C)</p>	<p>55.00 per digest* 55.00 for SCX fractionation 110.00 per LC/MS/MS run for each SCX fraction 15.00 for samples requiring Ziptip™ purification</p> <p>* added costs apply for digests with certain enzymes (e.g. Asp-N)</p>
<p>Identification of Protein Modifications Target Peptides or Amino Acids</p> <p>Mapping of post-translational modifications or derivatives (e.g. phosphorylation, ubiquitination, acetylation)</p> <p>Target specific peptides or amino acids for modification during acquisition.</p> <p>IMAC isolation of phosphopeptides. TiO₂ isolation of phosphopeptides (inquire).</p>	<p>55.00 per digest* 110.00 per LC/MS/MS run 20.00 setup charge for special exclusion and/or inclusion lists for targeted peptides 15.00 for samples requiring Ziptip™ purification 55.00 for IMAC purification of phosphopeptides</p> <p>* added costs apply for digests with certain enzymes (e.g. Asp-N)</p>
<p>Intact Protein MW Analysis</p> <p>ESI/MS analysis; deconvolution of data using MaxEnt™ software</p>	<p>45.00 per sample with deconvolution 15.00 for samples requiring Ziptip™ purification 20.00 for sequence elucidation; searches to assign observed truncation, cut sites, or protein degradation products</p>
<p>Peptide Sequencing with MS/MS (FTMS) and accurate mass denovo sequencing</p> <p>CID, ECD, or IRMPD fragmentation methods available with FTMS</p> <p>Samples introduced by ESI infusion or nanospray ESI (pico-tip) Samples can also be analyzed using AP-MALDI Mascot™ or PEAKS™ denovo sequence predictions</p>	<p>50.00 per sample or peptide 20.00 for each additional peptide analyzed in the same sample 20.00 for each denovo sequence prediction using Mascot™ or PEAKS™ software</p>

<p>AP Maldi (FTMS)</p> <p>Accurate mass measurements Available with CID, ECD, or IRMPD fragmentation</p>	<p>40.00 per sample 20.00 for each parent ion fragmentation acquisition 15.00 per C18 Ziptip if needed</p>
<p>Disulfide Linkage Characterization</p> <p>Determine protein disulfide linkages</p> <p>May require multiple experiments and analyses: for example, digests with trypsin, chymotrypsin, pepsin; derivatization with NEM, MMTS; LC/MS/MS (FTMS) and/or Maldi/MS/MS (FTMS)</p>	<p>Inquire</p>
<p>Identification of Sulfur-containing peptides (i.e. cysteine or methionine)</p> <p>FTMS with high resolution separation of heavy isotopes, (e.g. ¹³C and ³⁴S isotopes; limited to peptides < 800 MW)</p>	<p>Inquire</p>
<p>“Top-Down” Proteomics</p> <p>FTMS with ECD fragmentation and sequencing intact proteins and peptides</p>	<p>Inquire</p>
<p>Protein Expression/ Quantitation Analysis</p>	<p>Inquire</p>

<p>Custom Database Searching:</p>	
<p>Create a custom Mascot™ database</p> <p>For specific protein sequences not in the MSDB or NCBI databases</p>	<p>22.00 per protein sequence created for the custom database</p>
<p>Create a custom modification for Mascot™ searches</p> <p>For searching custom or non-standard modifications or derivatives</p>	<p>22.00 per custom modification created for searches</p>
<p>Special request/ additional modification searches with Mascot™ or additional database searches</p> <p>Other database search engines available on request (e.g. Sequest™, PEAKS™, Protein Prospector™, OMSSA).</p> <p>Each search includes up to three modifications and report of results</p>	<p>22.00 per search</p>