

Amino Acid Analysis Submittal Form



Protein Chemistry Laboratory

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This one form may be used for multiple samples for this service.

SUBMITTER INFORMATION

Professor/Supervisor _____ Date _____
Department _____ Organization _____
Phone and Fax _____ Address _____
City, State and Zip Code _____
Submitter's Name _____ Submitter's Email _____

BILLING INFORMATION



Check here if same as professor/supervisor information

Account or PO Number _____ Attn: _____

Address _____

City, State Zip Code

SAMPLE INFORMATION

Sample Name	Approximate Amount μg	in how many μl	or Approximate Concentration	Mol. Weight

Sample Preparation: Salts and buffers are well tolerated except for **TRIS** and **GLYCEROL** which interfere with the assay. Call first if you wish to submit a sample containing TRIS. The simpler the buffer, the better. Samples may be sent in solution or dried down. More explanation is available on the web site. <http://pcl.tamu.edu>

Sample Amount: Ideal amount is ~ 5-10 μg of sample per replicate of a concentration around 1 mg/ml. However, as little as 1 μg is sometimes successful. Call for advice on low level samples.

Please answer the following questions as best you can:

- Does this sample represent a biohazard (radioactive or otherwise)? _____
 - What is the sample matrix? (i.e. buffer) _____
 - Is this a protein(s)/peptide(s) sample? _____
- Or do you wish to quantitate the free (unbound) amino acids in the sample? _____
- Does this sample have solubility problems? _____
 - Are there any "special" amino acids in the sample? If so, which ones? _____
 - Do you wish your samples performed in duplicate or triplicate? (See price differential.) _____
 - We do not perform Cysteine analysis routinely due to its high %RSD. If CYS analysis is needed please call.
 - Tryptophan is not reported in this analysis. If Tryptophan is needed, please call.

Special Instructions or Requests