

# Amino Acid Analysis Submittal Form

## Protein Chemistry Laboratory

Texas A&M University  
Dept. of Biochemistry, MS 2128  
300 Olsen Blvd  
College Station, TX 77843-2128  
(979) 845-2433, (979) 845-8015 FAX  
Jinny Johnson, AAA Specialist  
[jinny@tamu.edu](mailto:jinny@tamu.edu)

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 ( $\mu$ gms)?	in how many $\mu$ ls?	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://www.tamupcl.com>

**Sample Amount:** Ideal amount is ~ 5-10  $\mu$ gms of sample per replicate of a concentration around 1 mg/ml. However, as little as 1  $\mu$ gm 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