

**Services Request Form**  
**Amino Acid Analysis**

**Principal Investigator:** \_\_\_\_\_ **Department:** \_\_\_\_\_  
**Contact Person:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Client Signature:** \_\_\_\_\_ **ISC#:** \_\_\_\_\_  
**Date received:** \_\_\_\_\_

Date Completed: \_\_\_\_\_  
 Internal Entry  
 No.: \_\_\_\_\_

**Billing address for off campus users:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Peptide/Protein Hydrolysate Samples:** \_\_\_\_\_ **Number of samples** \_\_\_\_\_  
**Sample Information:** (use additional form if necessary)

	Sample I.D.	Sample weight (mg)	MW or # of residues	Modified amino acids	List excipients, buffer, or salts and concentration in sample
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

**Physiological Samples:**  
**Sample Information**

**Sample Type** (plasma, urine, etc) \_\_\_\_\_ **Human** (Yes \_\_\_\_\_ No \_\_\_\_\_)  
**Number of Samples:** \_\_\_\_\_ **Sample volume:** \_\_\_\_\_

**Notes:**

Ideally, samples submitted for amino acid analysis should be free of salts, buffers, amino-containing substances, trace metals, and detergents for accurate results. Realistically, it is often impractical or impossible to completely desalt small amounts of sample without risking significant sample loss. The analyzer can produce reproducible, accurate analyses low levels of salts or buffers, but these should be kept to a minimum.

Adequate sample purification is essential for accurate compositions and quantitative data. Unfortunately, even the purification protocols used can contribute both to sample contamination and loss. There are numerous factors to consider when trying to prevent sample contamination. Reagent or solvent solutions, glassware, pipetting devices, dust, fingers or anything else that comes in contact with the sample may introduce background free amino acids or proteins. The entire sample handling environment must be scrupulously clean for high sensitivity analysis.

**Available Facility Personnel**

**Core Manager:**  
Steve Smith, M.S.  
Email: jssmith@utmb.edu  
Phone: (409) 772-6766  
Fax: (409) 747-4753

**BRF Assistant Director:**  
John E. Wiktorowicz, Ph.D.  
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Fax: (409) 772-8025

**BRF Director:**  
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Phone: (409) 772-2771  
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**Additional Comments/Instructions:**

**Analysis Charges**

**Amino Acid Analysis performed on the Hitachi L8800 Amino Acid Analyzer**

**Analysis including hydrolysis  
\$60.00 per sample.**

**Physiological Sample  
\$75.00 per sample**

**Analysis includes sample standard.**

**Total Projected Cost \_\_\_\_\_.**