Keck Biotechnology Resource Laboratory
Non-Yale Amino Acid Analysis Sample Submission Form

(Protein/Peptide Concentration and Composition Analysis - *Radioactive Samples Cannot Be Accepted*)

Order Date: MM DD YY

Your Name: Last Name | First Name | MI

PI Name: Last Name | First Name | MI

Department: **Institution:**

Telephone: ( ) - **Fax:** ( ) - **E-mail:**

Billing Address: *(Required)* Street Address | City, State | Zip Code

Shipping Address: Street Address | City, State | Zip Code

Required Charging Instructions (Check one): ☐ P.O. Number-Amount: $ ☐ NBC ☐ Credit Card

Enter a Purchase Order Number or a Visa/Mastercard Number and Expiration Date. Please indicate whether the charging instructions refer to a P.O. Number, an HHMI P.O. Number, or a Credit Card above. Indicate P.O. Amount if applicable.

Description of Samples

(Use separate forms for samples that are not all in or were not all dried from the same buffer)

Name (6 letters)	Number of Analyses Requested*				Estimated Amount (micrograms)	Form (solution, dry, gel or PVDF)	Total volume for solution samples (μl)	Predicted Monomer Mass
	Normal	PAO	MSA	No Hydrolysis				

* Normal hydrolysis gives poor recovery of cysteine and tryptophan, if these residues need to be quantified it is best to request prior performic acid oxidation (PAO) and hydrolysis with methanesulfonic acid (MSA) respectively. However, since the latter two procedures may result in poor recoveries of several other amino acids, all three kinds of analyses are generally required to quantify all 18 naturally occuring amino acids. No hydrolysis will permit quantitation of the "free" amino acid background.

E-mail Results? (Check if Yes): ☐

If samples are submitted in solution please give the composition of the buffer:

If samples are submitted dry, give the method of precipitation or the volume and composition of the buffer that was dried: