Keck Biotechnology Resource Laboratory at Yale U.

Non-Yale DIGE Sample Submission Form

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.

Gel Name (6 letter max)	pI Range Desired[1]	%Poly-acrylamide Desired[2]	Source (human, yeast, etc).	Sample Type[3]	Sample Name	Label with Cy-3 or Cy-5?	[Protein][4] (mg/ml)	Sample Volume (ul)	Sample Amount[5] (ug)
				Control					
				Experimental					
				Control + Exp.	Internal Std	Cy-2			
				Control					
				Experimental					
				Control + Exp.	Internal Std	Cy-2			
				Control					
				Experimental					
				Control + Exp.	Internal Std	Cy-2			
				Control					
				Experimental					
				Control + Exp.	Internal Std	Cy-2			

[1] The standard pH range is 3-10, other available ranges: 3-7, 4-7, 3.5-4.5, 4.0-5.0, 4.5-5.5, 5.0-6.0, 5.5-6.7, and 6-9.

[2] The standard polyacrylamide concentration is 12.5%, which optimally separates proteins that range from about 12-100 kD, there is a substantial surcharge for use of alternative polyacrylamide gel concentrations.

[3] The inclusion of an internal standard is strongly recommended. This sample should contain equal amounts of the control and experimental samples.

[4] The protein concentrations, which should be between 5-10 mg/ml, for both the control and experimental samples should be the same and should be based either on hydrolysis/amino acid analysis or assay with the PlusOne 2-D Quant Kit (Amersham Biosciences).

[5] The control and experimental samples should each contain 50 ug total protein, with the internal standard containing 25 ug of each of these samples so the total protein load on the gel will be 150 ug.

Does this sample represent a biohazard?		**If so, fully describe the biohazardous material below.**

Other information about the above samples/special requests: