



Keck Biotechnology Resource Laboratory at Yale U.

Yale DIGE Sample Submission Form

Request Date:

MM	DD	YY	

Your Name: _____
Last Name First Name MI

PI Name: _____
Last Name First Name MI

Department: _____

Room #: _____ Building: _____

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

Yale Charging Instructions:

Project	Task	Award	Expenditure Type	Organization
			8 3 3 6 2 0	

Check here if NBC Member

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:

