

Lerner Research Institute Proteomics Laboratory.

Submission of samples from outside institutions (Non-CCF or CWRU).

The Lerner Research Institute's Proteomics Laboratory accepts samples from any institution. Investigators are strongly encouraged to discuss their project prior to sample submission with the lab director, Dr. Mike Kinter (216-444-7170 or kinterm@ccf.org). Also, please be sure to notify the laboratory when a sample has been submitted and expect acknowledgment that the sample has been received. If receipt is not acknowledged, please contact the laboratory immediately.

Most proteins for internal sequence analysis will be submitted as bands run in polyacrylamide gels stained with Coomassie blue. It is our experience that any protein band that can be detected by Coomassie staining contains sufficient material for sequence analysis. After staining and destaining, the investigator should photograph or scan the gel for their records and send a copy of that image indicating the band or bands for analysis along with the gel. We ask that the entire gel be submitted. This allows our laboratory to see the molecular weight markers, the resolution from other bands and the overall staining level. These observations greatly facilitate our ability to troubleshoot failed analyses. The gel should be placed in a heat sealable bag and all excess liquid poured off prior to sealing. The sealed bag can then be taped to a piece of cardboard and sent in a box (not as a letter) at room temperature by overnight carrier to:

Dr. Mike Kinter, Department of Cell Biology / NC10, Cleveland Clinic
Foundation, 9500 Euclid Ave, Cleveland, OH 44195, Phone 216-444-7170

Please include a cover letter and completed sample submission form. In the

cover letter, please describe the sample in as much detail as possible, including the species from which it was isolated, the approximate molecular weight, a brief description of how the protein was isolated, and a brief description of the purpose of the experiment (for example: identify a protein, obtain data for design of cloning experiments, confirm proper sequence of an expressed protein, etc.). On the sample submission form, please give each sample a unique and informative name. We recommend the following format, initials-gel date-protein MW (ie MTK, 1-1-00 gel, p100). Sample names such as: “sample 1”, “top band”, “control”, and “unknown” are not acceptable because of the confusion created by submissions from other laboratories using these same sample names. Finally, include a billing address and a purchase order number. Our charge for the analysis of bands from Coomassie blue-stained 1D gels or any silver-stained band (1D or 2D) is \$254 per band; please calculate the total charges for your submission at the bottom of the form. We also have a separate form and cost for Coomassie blue-stained 2D bands of \$110 per band.

Written reports are made for all analyses. Typical turnaround time, from submission of sample to preparation of report, is approximately two weeks. In general, samples are processed in the week they are received, and analyses begun the following week. If no peptides are observed in the digest then the investigator is notified at once. If peptides are observed then further analyses are carried out and data interpretation begins during the second week. Data interpretation and preparation of the report is generally completed during the second week. Feel free to contact the lab to check on the status of your analyses at any time.

Lerner Research Institute Proteomics Laboratory
The Cleveland Clinic Foundation
Michael Kinter, Ph.D., Director
216-444-7170, kinterm@ccf.org

Sample submission form for labs outside of CCF and CWRU

Date:		Rcvd by:		
PI Name:				
Address:				
Purchase order number and billing address:				
Contact Name, phone number and fax number:				
Gel Identifier:				
Species: Human Mouse Rat Other:				
For Coomassie blue-stained 1D gel bands or any silver-stained band				
number	Sample identifier	MW	Coomassie or Silver?	Costs for analysis
1				\$254
2				\$254
3				\$254
4				\$254
5				\$254
6				\$254
7				\$254
8				\$254
9				\$254
10				\$254
(continue form as needed)		Total for requested samples		

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Date:		Rcvd by:		
PI Name:				
Address:				
Purchase order number and billing address:				
Contact Name, phone number and fax number:				
Gel Identifier:				
Species: Human Mouse Rat Other:				
For Coomassie blue-stained 2D gel bands				
number	Sample identifier	MW, pI	Coomassie blue?	Costs for analysis
1				\$110
2				\$110
3				\$110
4				\$110
5				\$110
6				\$110
7				\$110
8				\$110
9				\$110
10				\$110
(continue form as needed)		Total for requested samples		