

## Single Gel Band Identification

This first example represents the approximate costs of the processing of a single protein digest from a gel band. Normally we can identify the abundant protein in the band and 2-3 dozen other minor constituents. Actual costs may vary depending on the cleanliness and quality of the sample, and the amount of sample present. As a rule of thumb, anything not visible on a coomassie-stained gel may be at too low a concentration to identify.

<b>Proteomics Shared Resource Internal Billing</b>			
PSR Project Code	XXX001	Date	04/01/2011
Contact Name / Lab Name	You / Your Lab		
Contact Phone Number	4-XXXX		
Department Name	Research		
Alias / Faid	01234567 / XXXX1234		

Service Provided	Code	Cost of Service	Units of Service	Total Cost
In-gel Digest	DIGEST	\$45/hour	1.5	\$67.50
Instrument Prep	PREP	\$45/hour	0.5	\$22.50
Data Analysis	INFOMT	\$45/hour	1.0	\$45
			<b>Staff Total</b>	\$135
LC-MS/MS	LTQ	\$65/hour	1.0	\$65
Supplies	SUPPL	\$5/sample	1.0	\$5
			<b>Grand Total</b>	\$205

## Co-IP Analysis and Comparison

This next billing is for the work to analyze a Co-IP experiment. There are sample preparation concerns for getting these experiments to run smoothly, and they can take a couple of tries before they work successfully. It's advisable to contact PSR when considering one of these experiments, and you'll often be asked to provide the amino acid sequence of your bait protein.

<b>Proteomics Shared Resource Internal Billing</b>			
PSR Project Code	XXX002	Date	04/02/2011
Contact Name / Lab Name	You / Your Lab		
Contact Phone Number	4-XXXX		
Department Name	Research		
Alias / Faid	01234567 / XXXX1234		

Service Provided	Code	Cost of Service	Units of Service	Total Cost
In-gel Digest	DIGEST	\$45/hour	1.5	\$67.50
Gel Electrophoresis	ELECT	\$45/hour	1.0	\$45
Instrument Prep	PREP	\$45/hour	0.5	\$22.50
Data Analysis	INFOMT	\$45/hour	1.5	\$67.50
<b>Staff Total</b>				\$202.50
LC-MS/MS	VELOS	\$65/hour	5.0	\$325
Supplies	SUPPL	\$15/sample	2.0	\$30
<b>Grand Total</b>				\$557.50

## 1 Sample, 6-fraction Small Scale 2D Analysis

This billing is for a 6-fraction 2D analysis. In this experiments the sample is run into a gel for about 30 minutes, and cut into segments which are analyzed separately on the instrument. This can be a good way to view the top 1,000 or so proteins in a tissue or other relatively complex sample.

<b>Proteomics Shared Resource Internal Billing</b>			
PSR Project Code	XXX003	Date	04/07/2011
Contact Name / Lab Name	You / Your Lab		
Contact Phone Number	4-XXXX		
Department Name	Research		
Alias / Faid	01234567 / XXXX1234		

Service Provided	Code	Cost of Service	Units of Service	Total Cost
In-gel Digest	DIGEST	\$45/hour	2.0	\$90
Gel Electrophoresis	ELECT	\$45/hour	2.0	\$90
Instrument Prep	PREP	\$45/hour	0.5	\$22.50
Data Analysis	INFOMT	\$45/hour	3.0	\$135
<b>Staff Total</b>				<b>\$337.50</b>
LC-MS/MS	VELOS	\$65/hour	13.5 (24.0)	\$877.50
Supplies	SUPPL	\$5/sample	6.0	\$30
<b>Grand Total</b>				<b>\$1,245</b>

## 2 samples, 40-step Mudpit Biomarker Candidate Project

40-step mudpit experiments are the largest we offer routinely, and are designed to see as deeply into a sample's proteome as possible. Some samples, such as blood serum, have to go through an additional depletion step before this analysis can be performed, and this adds to the cost. It is possible to see several thousand proteins in a tissue sample using this method.

<b>Proteomics Shared Resource Internal Billing</b>			
PSR Project Code	XXX004	Date	04/14/2011
Contact Name / Lab Name	You / Your Lab		
Contact Phone Number	4-XXXX		
Department Name	Research		
Alias / Faid	01234567 / XXXX1234		

Service Provided	Code	Cost of Service	Units of Service	Total Cost
In-gel Digest	DIGEST	\$45/hour	2.0	\$90
SCX Separation	MISC	\$45/hour	6.0	\$270
Protein Assay	ASSAY	\$45/hour	0.5	\$22.50
Instrument Prep	PREP	\$45/hour	1.0	\$45
Data Analysis	INFOMT	\$45/hour	25.0	\$1125
			<b>Staff Total</b>	\$1,552.50
2D LC-MS/MS	VELOS	\$65/hour	68.0 (187.0)	\$4,420
Supplies	SUPPL	\$5/sample	2.0	\$10
			<b>Grand Total</b>	\$5,982.50