



Molecular Biology & Proteomics Core Facility

Dartmouth College

Rates

All rates listed are for Dartmouth and DMHC users. Non Dartmouth and non DMHC users will be charged a higher rate. Please inquire for those rates.

DNA Sequencing	
You provide us with template and primer	\$6.00/sample
You provide us with template and we add a core primer	\$8.00/sample
You prepare and cleanup sample	Contact Us
Full 96 well-plate with template and primer must be submitted as per MBCore instructions*. (\$4.50 /sample) Additional samples charged at \$5.00/sample	\$425.00/plate
48 well-plate with template and primer must be submitted as per MBCore instructions*. (\$4.75 /sample) Additional samples may be charged at \$5.00/sample	\$225.00/plate
Fragment analysis	
	\$1.50/sample
<p>*Instructions for submitting samples in 96 well plates. Samples must be submitted in an Applied Biosystems MicroAMP plate, PN N801-0560, no other plates will be accepted for the discounted rate. When submitting template and primer for the core facility to do the reactions and clean up. Sample wells must have a final total of 7 ul that contain 250 ng template and 3.2 pmole primer. Less template is need for PCR products (15 ng). The Minimum number of samples in the plate is 47. Wells 1A and 2A must be left empty for a core facility standards. Fill all the odd numbered rows (1,3,5,7,9,11 wells A-H) with sample first (this is how the ABI 3730 sequencer processes the samples). Fill the remaining even numbered rows (2,4,6,8,10,12 wells A -H) next.</p>	
DNA sequencing Kits ABI BigDye V3.1 *	
12 reactions (96ul)	\$126.00
50 reactions (400ul)	\$525.00
100 reactions (800ul)	\$1050.00
*BigDye is sold only to investigators who are running specific reactions that the MB Core is not currently running	

Imaging	
X-Ray film developing	\$1.50/ sheet
Phosphoimager	\$1.50/ use
Other Core Instrumentation	
Biacore X	\$40.00/day

2100 Bioanalyzer	No Charge
NanoDrop ND-1000 Spectrophotometer	No Charge

General Protein services	
Enzymatic/ CnBr digest	\$100
In gel or on Membrane digest	\$100
RP-HPLC of digest Analytical	\$75
RP-HPLC of digest Preparative	\$300

Mass Spectrometry	
MALDI-TOF pure sample	\$25
MALDI-TOF pure sample with calibration	\$50
MALDI-TOF use per hour.* (Minimum time 15 minutes)	\$40
ESI-Ion Trap pure sample Gas Phase Fractionation	\$75 (No data interpretation)
LC-MS (LCQ no data interpretation)	N/A
LC-MS with MS/MS (LCQ no data interpretation)	N/A
LC-MS with MS/MS RP-HPLC Protein Identification	N/A
LC-MS with MS/MS Gas Phase Fractionation Protein Identification	\$125 (2 data bases searched)
Manual MALDI-MS protein identification	\$125 (2 data bases searched)
MALDI peptide mass fingerprint	\$75 (No data interpretation)
Automated MALDI-MS protein id (>16 samples)	\$100 (2 data bases searched)
Manual ES-MS MS/MS protein identification	\$300 (1 Sequest search)
* Requires training by Core Facility staff, other restrictions may apply.	

Other Protein Services	
Automated N-terminal analysis (Edman Degradation)	\$250 (Setup, 10 AA's) \$15 per additional AA
Additional Database searches	(Per hour, min 1 hr.) \$50
Consultation and data interpretation (First hour free)	(Per hour, min 1 hr.) \$50