CENTRAL INSTRUMENTATION CENTRE
CENTRAL UNIVERSITY OF HARYANA

LC-MS/MS- Analysis

Instructions for Submission of Samples

1) The samples of proteomics as well as small molecule analysis should be submitted as ready to inject state (pre-processed and cleaned as per the protocols).
2) The sample should be submitted along with the duly filled **Requisition Form**, which must be signed by the student and his/her supervisor. Forms without signature will not be accepted.
3) The results and raw data will be shared with the student and the supervisor through email.
4) For any further clarification, please contact the Director, Central Instrumentation Facility, Central University of Haryana (dircic@cuh.ac.in).
5) Sample should be supplied in 100mM Ammonium Carbonate buffer with a minimum concentration of 2mg/ml

Other instructions for External Samples

1. The external users may contact with Director, CIC for the availability of the machine
2. Payment should be credited *via* online mode in Director CIC, A/C No. **7824000100035990**, IFSC: **PUNB0782400**
3. Samples will be analyzed only after the confirmation of payment.
4. Expected time of results can vary from one to two weeks. However, downtime of equipment due to any technical reason will be excluded from the above period. There shall be no financial implications on CUH in case of such delay.
5. CUH will not send back samples *via* post after analysis, however, it may be collected in person.
6. CUH reserves the right to accept/reject the samples received or to analyze any particular sample on priority basis. Payment made for samples that have not been run/analyzed will be refunded.

Charges (In Indian Rupees):

Application	**Internal (CUH only)**	**External (Govt. Institutions)**	**External (Pvt. Institutions/ Industry)**	**Sample condition**
LC-MS/MS including database search and Identification of proteins (per sample)	4000 For samples with same method and type: • 2-4 samples (20% concession) • 5 or more samples (40% concession)	8000 each	15000	Ready to run
Small molecules analysis LC-HRMS)	1000 For sample with same method and type: • 5-9 samples (20% concession • 10-19 samples (40% concession) • 20 or more samples (50% concession)	2000 each	6000	Ready to run
Small molecules analysis-HRMS	500 each	1500	4500	Ready to run

***Before sample submission contact Application specialist (LC-MS/MS) for sample evaluation**.
*As per Govt. rules GST (18%) will be charged on the analysis charges.
*Unstable and explosive compounds are not accepted for analysis.
*The analytical data/spectra are provided only for research/development purposes. These can not be used as certificates in legal disputes.

CENTRAL INSTRUMENTATION CENTRE
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Requisition Form for LC-MS/MS Facility

Sample submission form for proteomics analysis (ESI-LC-MS/MS for protein identification)

Name of the Student:				
Name of the Supervisor & Email:				
Department				
Organization				
Phone No:		**Email:**		
Sample Code:				
Type of sample	Intact protein/peptide ( ) Digested Protein ( )			
Type/ Name of Organism (Source)				
Sample state	Solid powder ( ) Liquid ( ) **If liquid, Name and concentration of Buffers, Solvent/s:**			
Sample quantity	Amount (pmole)		Conc. (pmole/µl)	
Storage condition	Room temperature ( ) 0° C ( ) -20° C ( ) -80° C ( )			
Expected mass of sample (Da / kDa)				
Staining method and date of staining				
Complexity of sample	**Mixture of proteins ( ) purified protein ( )**			
Whether the samples are trypsinized	**Yes( ) No( )**			
Buffer sol. and conc. in which the protein is solubilized				
Additional information on sample type and analysis				

Note: Please fill sample details appropriately and submit hard copy of the form along with the sample/s to be analyzed. The samples must be desalted and cleaned before submission to the facility.

Signature of the Student **Signature of the Supervisor**

Date:

Remarks (Results, contamination etc.):

Payment details (*Attach a copy of fee receipt*)

Bank reference No.: Date of payment: Amount paid:

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For Office Use Only

Payment received vide ref. no.: Dated:

Job Ref No.:

CENTRAL UNIVERSITY OF HARYANA

Requisition Form for LCMS/MS Facility

Sample submission form for small molecule analysis

Name of the Student:			
Name of the Supervisor & Email:			
Department			
Organization			
Phone No:	**Email:**		
Sample Code:			
Type of sample			
Solubility			
Sample state	Solid powder ( ) Liquid ( ) **If liquid, Name and concentration of Buffers, Solvent/s:**		
Sample quantity	Amount		Concentration
Storage condition	Room temperature ( ) 0° C ( ) -20° C ( ) -80° C ( )		
Expected mass of sample (Da / kDa)			
Complexity of sample	**Mixture of molecules ( ) purified molecule ( )**		
Preferred mode of running the sample	**Positive( ) Negative( ) Both( )**		
Have you filtered the sample with 0.22micron filter	**Yes( ) No( )**		
Additional information on sample type and analysis			

Note: Please fill sample details appropriately and submit hard copy of the form along with the sample/s to be analyzed. The samples must be desalted and cleaned before submission to the facility.

Signature of the Student **Signature of the Supervisor**
Date:

Remarks (Results, contamination etc.):

Payment details (*Attach a copy of fee receipt*)

Bank reference No.: Date of payment: Amount paid:

……

For Office Use Only

Payment received vide ref. no.: Dated:

Job Ref No.:

Comparison of prices with other institutes

Institute	Analysis	Academic price (in Rs.)	Industry price (in Rs.)	Sample condition
NII	Protein Identification	4000	12000	Ready to run
ICGEB	Protein identification Qualitative metabolomics Quantitative metabolomics	5000 1000 5000	20000 2000 10000	Ready to run
DU-South Campus	Protein identification Quantitative proteomics Quantitative metabolomics	6000 10000 2000	8500 15000 4000	Ready to run
IIT Bombay	Protein identification Qualitative metabolomics Mass+compound formula & database search	2950 2950 1726	14160 14160 9440	Ready to run