

**CENTRAL INSTRUMENTATION FACILITY**  
**UNIVERSITY OF DELHI SOUTH CAMPUS**

Rate list for users (2024)

Instrument/Facility	Type of Analysis	Rates		Sample Condition/ Transport
		For DU Users	For Non-DU Users	
<b>PROTEOMICS FACILITY</b>				
LC-MS Orbitrap	Protein Mass Fingerprinting (PMF)	₹ 6500 per sample for PMF and ₹ 100/peptide for a minimum of 10 for MS/MS	₹ 8500 per sample for PMF and ₹ 200/peptide for a minimum of 10 for MS/MS	Ready to run samples, - 20°C (depends on sample type)
	Quantitative proteomics/ proteome profiling/analyses of PTMs/label-free/iTRAQ labelled	₹ 10,000 per sample run and analysis (in case of iTRAQ labeled sample, the labeling is to be done by the user)	₹ 15,000 per sample run and analysis (in case of iTRAQ labeled sample, the labeling is to be done by the user)	Ready to run samples, - 20°C (depends on sample type)
	Quantitative Metabolite Profiling (Metabolomics)	₹ 2,000 per sample run	₹ 4,000 per sample run	Ready to run samples, - 20°C (depends on sample type)
AKTA Pure	Affinity, Ion Exchange and Size Exclusion Chromatography	₹100 per hour*	₹200 per hour*	Ready to use sample along with required buffers**
Typhoon	Phosphor and Fluorescence Imaging	₹ 200/hr	₹ 400/hr	Ready to acquire blot/SDS gel
LAS 4000	Gel Documentation /Chemiluminescence imaging	₹ 100/scan	₹ 100/scan	Ready to acquire blot/SDS gel
ACQUITY UPLC	Qualitative and Quantitative study of known compounds	₹ 200/Sample	₹350/sample	Ready to run samples, - 20°C /4°C (depends on sample type)
CD Spectrophotometer	Spectra Measurement	₹ 100/hr	₹ 250/hr	Ready to run samples./ - 20°C
Multi-Mode Microplate Reader (SpectraMax ID5)	Spectra Measurement	₹ 100/hr	₹ 200/hr	Ready to acquire plates
<b>FLUORESCENCE ACTIVATED CELL SORTER</b>				
FACS Lyric		₹ 500/hr	₹ 1000/hr	Ready to acquire ( 4°C)
<b>IMAGING FACILITY</b>				
Confocal Microscopy	Normal imaging, Optical sectioning, Time-lapse imaging, $\lambda$ -scanning, Co-localization studies, FRET, FRAP.	₹ 500/hr***	₹ 1000/hr***	Ready to acquire slides
Field Emission Scanning Electron Microscopy (FESEM)****	Sample Prep involving: Critical Point Drying & Chromium Sputter Coating	₹ 500 per sample	₹ 750 per sample	Fixed and dehydrated samples
	Sample visualization and imaging	₹ 500/hr OR ₹ 200/ 1Mb image (whichever is higher)	₹ 1000/hr OR ₹ 400/ 1Mb image (whichever is higher)	Dehydrated and metal-coated samples
Laser Capture Microdissection	Microdissection and catapultation	₹ 400/- per adhesive cap	₹ 600/- per adhesive cap	Ready to dissect slide (Glass membrane)/(-

		tube plus ₹ 500/h	tube plus ₹ 1000/h	20°C/4°C/RT depends on sample type)
Phosphorimager		FREE	Not Available	
<b>GENOMICS FACILITY</b>				
Real-time Q-PCR QuantStudio 5Dx	Readymade plates to be run on QuantStudio 5Dx, Absolute Quantification (Sybr Green)	₹ 300/plate	₹ 600/plate	Ready to run plate
Sanger's Sequencing (Applied Biosystems 3730 (48 capillaries) and Thermo Fisher Scientific SeqStudio 8-Flex)	Sequencing	₹ 300/sample  (10% discount for more than 35 samples)	₹ 430/sample  (10% discount for more than 35 samples)	Labeled DNA and primer MCTs. For optimal results provide: 10 µl Plasmid DNA (250 ng/µl) 10 µl PCR product (40- 100 ng/ul) The primer should be 10pmol/ul. A gel picture (with complete lanes showing RNA/degraded DNA as well) is mandatory with every batch of samples.
	Snapshot	₹ 300/sample	₹ 400/sample	
	Microsatellite	₹ 150/sample	₹ 300/sample	
	MLPA	₹ 100/ sample	Not Available	
	Readymade 96 well plates to be run on the sequencer	₹ 6,000	₹ 8,000	
<b>ULTRACENTRIFUGATION</b>				
Beckman Coulter Ultracentrifuge		₹ 50/hr*****	₹ 100/hr*****	Ready to spin
<b>TISSUE PROCESSING FACILITY</b>				
Epredia STP120 Tissue Processor	Processing	₹ 800/experiment	₹ 1200/experiment	Ready to process tissue along with the required method for the experiment.
Epredia HistoStar Tissue Embeddor	Embedding	₹ 50/hr	₹ 75/hr	Processed tissue in 10% Formaldehyde.
Epredia HM 340E Microtome	Sectioning	₹ 50/hr	₹ 75/hr	Tissue in Paraffin mould.*****
<b>DEEP FREEZER FACILITY</b>				
-80°C Freezer	Cryopreservation	₹ 500/day	₹ 1000/day	The charges will be applicable from day 1. However for usage limited to less than 24 hours, no charges would be levied.
-20°C Freezer	Cryopreservation	₹ 500/day	₹ 1000/day	The charges will be applicable from day 1. However for usage limited to less than 24 hours, no charges would be levied.

\*Extra 1 hour amount will be charged over the time taken to complete the experiment.

\*\*The buffers are required to be filtered and degassed at CIF itself. ₹50 will be charged for these facilities.

\*\*\*Amount will be charged according to the number of slots booked for the experiment.

\*\*\*\*PMB users would be given a 50% discount on SEM charges.

*\*\*\*\*\*Charges for the ultracentrifuge consumable tubes will be levied separately.*

*\*\*\*\*\*Blades should be provided by the students in accordance with the experiment. In case, the blade is provided by the facility, then extra ₹50 will be charged.*

*All samples should be prepared by users as directed in the Sample submission forms and Submission Guidelines.*

*Please consult CIF staff before sending samples.*

*The facility will not be held responsible for the loss of data after 3 months of analysis and reporting.*