

# CSIR-CDRI, Lucknow, MALDI-MS Facility

S.No.	Instrument	Analysis	Price (+applicable Taxes)
1.	MALDI TOF/TOF	Intact mass analysis (100-500ug Purified Protein);	Rs. 2000/- Per sample for all users (Lyophilized/dissolved@10ug/ul purified protein; Shall be tested through SDS-PAGE before analysis, Expected MW to be provided by the user).  Bovine Serum Albumin shall be used as positive control.
2.	MALDI TOF/TOF	Peptide Mass Fingerprint (PMF); Only MS	Rs. 1500/- per sample* for eluted and lyophilized tryptic peptides; Rs. 2500/- per sample <sup>#</sup> for gel pieces/spots.  *Sample to be supplied by user in the form of lyophilized tryptic peptides. <sup>#</sup> Gel piece will be accepted as submerged in MilliQ water in 1.5ml eppendorf tubes.  Tryptic peptides of commercially available proteins such as Bovine Serum Albumin shall be used as positive control for MS/MS analysis.
3.	MALDI TOF/TOF	MS/MS analysis for protein identification (~50ug Protein)  (5 peaks)	Rs. 2500/- per sample* for eluted and lyophilized tryptic peptides;  Rs. 4500/- per sample for protein samples submitted in SDS-PAGE gel piece (cost includes in-gel trypsin digestion, peptide elution, lyophilization and MS/MS analysis).  Gel separated Bovine Serum Albumin shall be used as positive control.
4.	Nano-LC MALDI-SPOTTER	Nano-LC based pre-fractionation of protein samples (pre-separated on SDS-PAGE/2DE and trypsin digested) spotted on MALDI Spotter for MS/MS analysis	Rs. 4500/- Sample, Includes trypsin digestion (in-gel only) and Spotting after Nano-LC fractionation and subsequently Rs. 750/- per spot MS/MS analysis through MALDI-TOF/TOF of all the spotted fractions.

Users may contact Dr. Arun Kumar Trivedi ([arun3vedi@cdri.res](mailto:arun3vedi@cdri.res)) for queries related to protein analysis through MALDI-TOF/TOF.