

Mass spectrometry

High throughput users can contact the facility about provider contracts. Charges are a one-off front up cost, allowing clients to get unlimited service for the calendar year.

	Services	ANU	External Non Profit	External Commercial
1	Pre-spotted samples for MALDI-TOF/TOF analysis (per run 73 to 96 samples on a 384 plate)	\$500	\$750	\$1000
	Pre-spotted samples for MALDI-TOF/TOF analysis (per run 49 to 72 samples on a 384 plate)	\$375	\$560	\$750
	Pre-spotted samples for MALDI-TOF/TOF analysis (per run 25 to 48 samples on a 384 plate)	\$250	\$375	\$500
	Pre-spotted samples for MALDI-TOF/TOF analysis (per run 1 to 24 samples on a 384 plate)	\$125	\$180	\$250
2	MALDI-TOF/TOF for protein identification (per sample)	\$100	\$150	\$200
3	Phosphorylation screen (per sample)	\$100	\$150	\$200
4	Intact Mass Determination (per sample)	\$100	\$150	\$200
5	De Novo peptide sequencing (per sample)	\$100	\$150	\$200
6	Reduction and alkylation (per sample)	\$25	\$50	\$75
7	1D nanoLC-MALDI-TOF for protein identification	Please contact facility	Please contact facility	Please contact facility
8	2D nanoLC-MALDI-TOF for protein identification	Please contact facility	Please contact facility	Please contact facility

Service summary

1. Samples pre-spotted by user on a 384 plate. Digestion and analysis undertaken by user. Results as .ppw file
2. Service includes protein digestion, desalting, concentration, MS data acquisition, Mascot database searching and standard report. Cost of plate not included.
3. Mass analysis of intact protein
4. De Novo peptide sequencing is an additional data analysis service based on data acquired from MALDI-TOF/TOF. Price is inclusive of all work as per (2).
5. Reduction and alkylation of samples is recommended. Spots submitted from 2D gels are usually alkylated and do not require additional alkylation steps.