

FAQ

What's the service price?

Please refer to the table of charges for the service pricing range. For further discussion or to request a quotation, please contact Ms. Meng Wei at mengwei@ntu.edu.sg.

I have a gel band and I want to identify the protein, what service should I choose?

The Protein Identification by Speed LC-MS/MS package service (under Packaged Services) would be suitable for your sample.

What does packaged service include?

- The packaged service includes:
- Reduction and alkylation
- In-gel or in-solution tryptic digestion
- Desalting and sample concentration using ZipTip/C18 Cartridge
- LC-MS/MS analysis
- Database searching and protein identification

How should samples be prepared for submission?

For protein identification services, samples can be submitted either as gel bands or in solution format (subject to sample compatibility and conditions).

For molecular weight determination services, samples should be submitted in solution format.

Please check with Ms. Meng Wei regarding buffer compatibility before sample submission.

What Database do you use?

We typically use the Swiss-Prot database for general protein identification searches. If the sample species is known, we will use a species-specific database downloaded from UniProt to improve identification accuracy. We also accept user-provided databases for customized searches.

If my enquiry falls outside the listed services, can I still approach the facility?

Yes. If your project or analytical request is outside the scope of the listed services, please feel free to contact Dr. Dong Xueming or Ms. Meng Wei for further discussion. We are open to discussing customized workflows and potential collaborative projects based on your research needs.

You may also refer to [Dr. Dong Xueming's Lab Website](#) for more information about the facility and related research expertise.