

What does the Protein Analysis Service Provide?

This service will perform all the necessary stages for Trypsin digests on 2D gel plugs, which are Silver or Coomassie stained using fully automated methods to reduce contamination from Keratin.

Trypsinisation digest extracts are then analysed using Mass Spectrometer (QTOF).

Your sample data will then be posted to you by email or on disk. Data can be produced in two types of file – PKL and RAW.

PKL files provide enough information to run a search on Mascot to identify the proteins and instructions on how to perform searches will be provided with your data. RAW data files will allow further analysis for peptide sequence using MassLynx software.

There are four main stages that we perform:

1. Prepare the gel plug for tryptic digest.
2. Perform the tryptic digest using automated methods.
3. Prepare the samples for mass analysis.
4. Provide the customer with mass analysis data.

What do you need to provide?

You will provide excised gel plugs or strips (Not diced but must be frozen) in a 96 well plate, which can be obtained from the Genomics laboratory free of charge.

Please fill in the order form available on the web page.

That's it!!

What are the costs? – Please contact us to discuss prices

Prices Include: -

All Working Solutions
Automated Preparation
Digest Preparation
Trypsin Digest
Mass Spec Analysis