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## Sample Submission Form - Protein Sequencing

Please print this form and include it with your sample(s) and MSDS where applicable.

### Customer information:

Contact Name \_\_\_\_\_  
 Company Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 e-mail \_\_\_\_\_  
 Phone \_\_\_\_\_

### Invoice information:

Quote reference (if any) \_\_\_\_\_  
 Purchase order number \_\_\_\_\_  
 Invoice address (if different) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Analysis details (complete or tick as appropriate):

Number of samples \_\_\_\_\_

#### Sample type

protein on PVDF       gel slice       in solution       solid sample

Number of cycles required (5 minimum) \_\_\_\_\_

Approximate sample concentration (if applicable) \_\_\_\_\_

Approximate molecular weight \_\_\_\_\_

Position of prolines (if known) \_\_\_\_\_

### Options (additional charges may apply, please contact us or see our website for details):

- Express service
- Samples from GMP processes
- Cysteine identification required (not suitable for blots or gel slices)
- Sample return – please supply address below if different to above

### Additional information/requirements:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

*For internal use only:*  
 Date and time samples received:  
 Received by:

## Guide to submitting samples for analysis

To enable us to process your samples more efficiently please read the following guidelines. If you have requirements outside our standard specification, or any other queries, please contact us to discuss your needs.

### Shipping

Please ship samples to:

Protein Sequencing Department  
AltaBioscience  
37, Walkers Road  
Manor Side  
Redditch  
B98 9HE  
UK

Samples can be posted by ordinary mail but the use of padded bags is highly recommended as envelopes tend to tear in the sorting machines. Blots, gel slices and beads are usually very stable during shipping, so there is no need to freeze the samples. Please do not send whole gels by post.

### Specific amino acids

*Cysteine* - We will need to be informed if you require positive identification of any cysteine residues as these require modification to a stable derivative before sequencing.

*Proline* - If a long read is required, knowing the positions of any proline residues is desirable as they can cause read overlaps which interfere with accurate sequence calling.

### Staining

- All blots must be provided on PVDF membrane.
- We are **not** able to provide sequencing for silver or gold stained samples. Widely available and compatible stains include:
  - o Ponceau S
  - o Amido black
  - o Coomassie, or equivalent

### Samples from GMP processes

We follow standard, validated procedures when analysing peptide and protein samples that have come from GMP processes. Copies of relevant standard operating procedures are available on request.

- Before each analysis, a system validation check is performed.
- Each sequence call and final report is confirmed by at least two experienced technical staff.
- The chromatograms of both the sequencing standard and sample are supplied with the report.