ALPHALYSE™

Protein Analysis meeting your needs

Dive into our world class expertise

- You get an analysis partner that is proficient in protein chemistry, mass spectrometry & bioinformatics
- Our staff is highly skilled, experienced and trained scientists in protein chemistry
- We use our top-of-the-line equipment and the newest knowledge to bring value to your project
- Continuous investment in innovation and improvement of methods ensures you a high quality

Sheila

Our aim: Convenience for you

We make it easy and convenient for you to work with us by:

- Guiding you in choosing the right analysis solution for your task
- Helping you with fast and easy shipping of samples
- Turning your data into easy-to-understand reports that bring your project forward

Rikke

Rest assured of the quality of our work

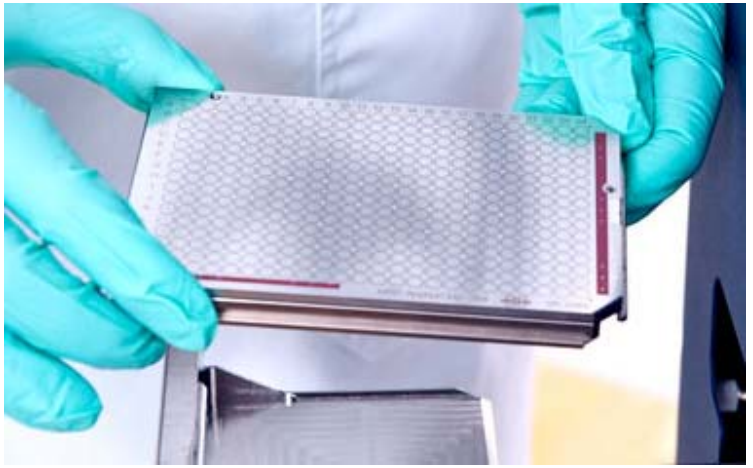
- Quality Manual according to GLP
- SOPs for all standard analysis processes
- Quality assurance using internal standards
- LIMS system recording and storing all data
- Project manager assigned to all projects

Marie, Anette, Tan & Søren

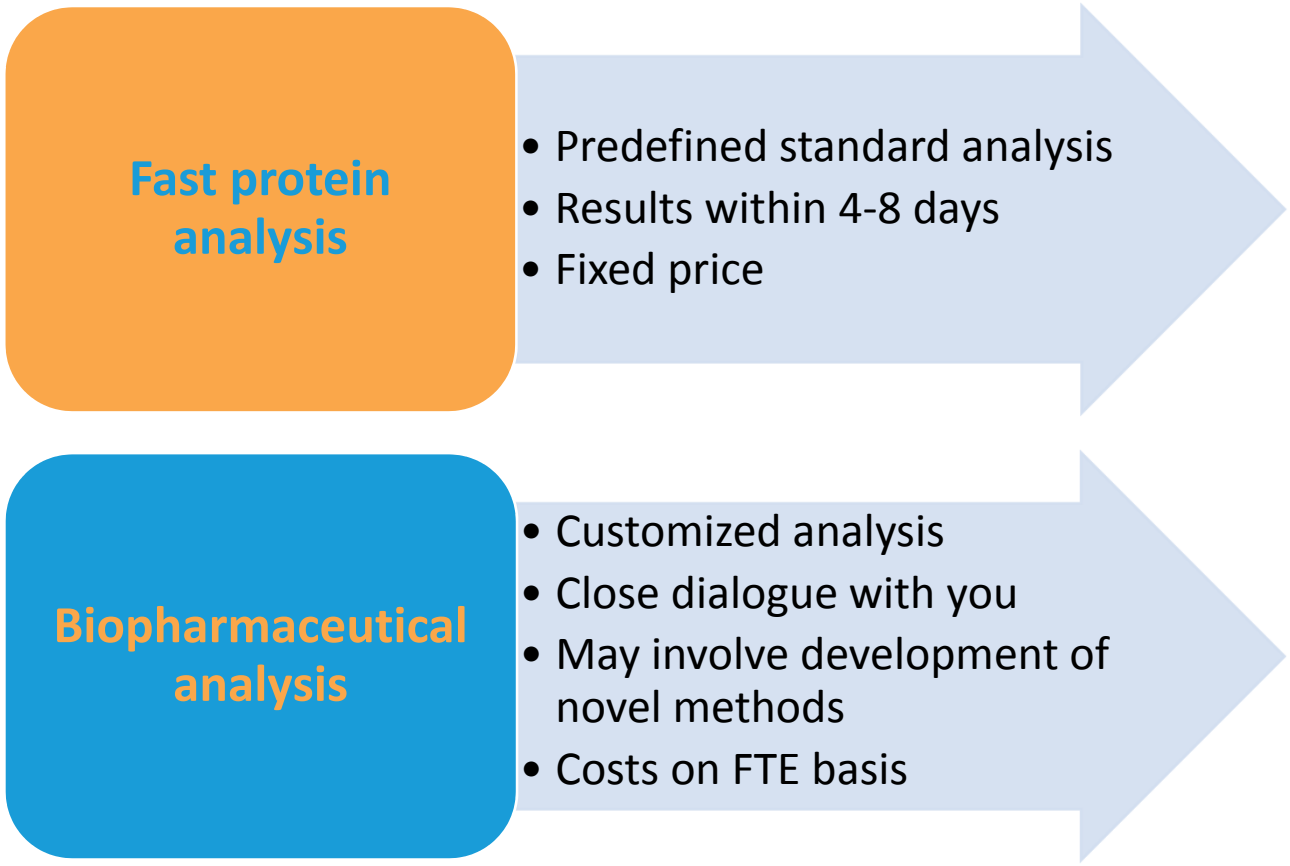
Do you need a confidentiality agreement?

You have three options for confidentiality agreements:

- Full confidentiality by Alphalyse standard terms, without any signed CDA
- Signing our standard CDA, or your company CDA
- Enter Master Service Agreement (MSA)



We offer two service categories



It’s easy to order our services:

Fast protein analysis

Biopharmaceutical analysis

Choices for fast protein analysis

Quantification

- Quantification of amino acid analysis
- Total protein quantification
- Purified protein quantification

Molecular Weight Determination

- Intact protein mass analysis 0-50 kDa
- Intact protein mass analysis 0-250 kDa

Protein Identification

- Identify multiple proteins – nanoLC-MS
- Identify single proteins by MALDI MS

Protein Sequencing

- N-terminal Edman Sequencing
- Peptide mapping against sequence

Choices for Biopharmaceutical analysis

Physiochemical Properties

- Accurate Molecular weight by LC-MS
- Extinction coefficient
- 1D and 2D PAGE protein separation
- UV-HPLC analysis

Host Cell Protein Analysis

- Bioprocess optimization
- Pre-clinical and clinical batches
- Quantify HCP's of concern
- Biosimilars – process related impurities

Antibody Characterization

- Molecular weight analysis of mAb
- Analysis of disulfide bridges of mAb
- Peptide mapping of mAb
- De-Novo sequencing of mAb
- Edman sequencing of mAb
- Antibody-drug conjugates

Structural Protein Characterization

- Amino acid composition of biologics
- N-terminal Edman degradation
- N- and C-terminal sequencing
- Peptide mapping

Protein Quantification

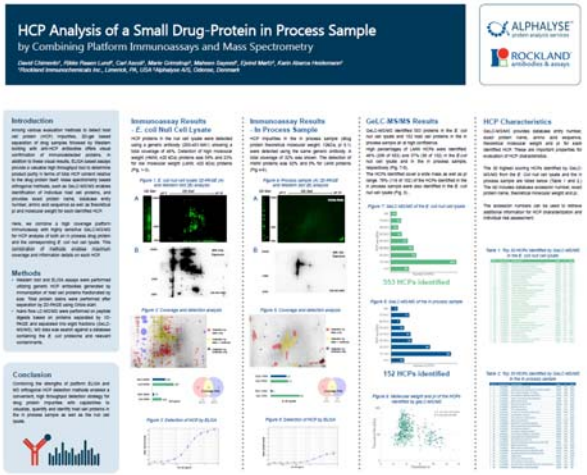
- Triplicate Amino Acid Assay
- Multiple Reaction Monitoring

Post Translational Protein Modification

- Disulfide bridge analysis
- Glycosylation analysis

Our host cell protein analysis research

See our take-home messages of the BEBPA Conference



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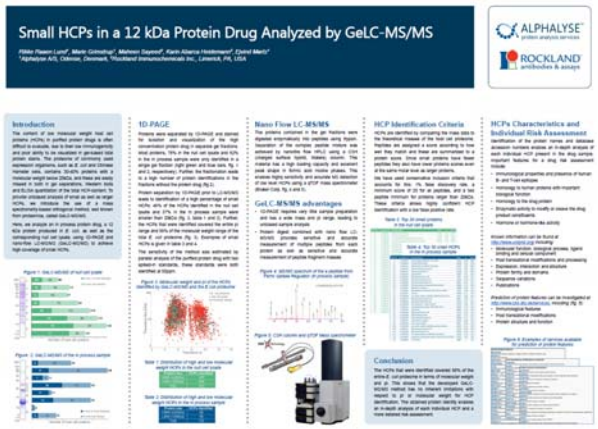

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We look forward to working with you!

based in Palo Alto, CA (USA) and Odense, Denmark

www.alphalyse.com

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