

Lab Engineer – Mass Spectrometry-based Proteomics

Location: Stockholm, Sweden

Employment: Full-time, permanent position

Company: ProteomEdge AB

About ProteomEdge

ProteomEdge is a Swedish biotech company with the vision to bring precision into absolute proteome quantification for next generation blood profiling. Originating from the Human Protein Atlas initiative, we are on a mission to provide an analytical platform for state-of-the-art accuracy for absolute protein quantification using mass spectrometry. We develop and produce robust LC-MS based assays, bridging cutting-edge biomarker discovery with diagnostic innovation. Since the start in 2023 we have launched five commercially available proprietary analysis platforms offering panels with a wide range of protein targets of both clinical and research interest.

We are now looking for a **Lab Engineer** with hands-on experience in **LC-MS based proteomics** and **molecular biology techniques** to join our growing team in Stockholm, Sweden.

Your Role

As a **Lab Engineer**, you will be responsible for independently operating and maintaining mass spectrometry instrumentation. You will plan and execute analyses, develop and validate new methods, and analyze and interpret the resulting data. Your work will also include routine maintenance of the equipment as well as preparation of samples and reagents.

You will play a key role in developing, optimizing, and executing LC-MS workflows for quantitative proteomics, spanning targeted (MRM/PRM) and untargeted (DDA/DIA) methods. You will also contribute to product development of new targets and panels as well as the generation of marketing material such as tech notes and application examples, often in close collaboration with external partners from academia and the life science industry. The role also includes molecular biology and protein biochemistry tasks supporting product development as well as production and QC of our commercially available products.

Typical responsibilities include:

- Setting up and running LC-MS/MS experiments for absolute quantification of proteins in complex biological samples.
- Processing and analyzing raw data, including quantitation and interpretation in the context of biomarker discovery.
- Supporting assay development, optimization, and validation activities using heavy-labeled standards.
- Performing molecular biology and protein biochemistry workflows such as:
 - Recombinant protein expression and purification
 - Cell cultivation and sample preparation
 - SDS-PAGE analysis
- Contributing to documentation, quality routines, and method transfer activities.
- Collaborating with academic and industrial partners.

Your Profile

We believe you are a structured and curious problem solver who thrives in a collaborative, research-driven environment. You take ownership of your experiments and enjoy translating complex data into clear results often used for presentations or publications.

Qualifications:

- MSc or BSc in Analytical Chemistry, Biochemistry, Molecular Biology, or related field.
- 2+ years of hands-on experience with LC-MS based proteomics (targeted and/or untargeted).
- Strong understanding of quantitative workflows, including sample preparation, data acquisition, and data analysis.
- Familiarity with molecular biology and protein biochemistry techniques (protein expression, purification, electrophoresis).
- Experience with software for LC-MS data processing (e.g., Skyline, Proteome Discoverer, MaxQuant, Spectronaut, or similar).
- Excellent documentation and communication skills in English.

Meriting experience:

- Work with plasma or clinical samples.
- Use of isotopically labeled internal standards for absolute quantification.
- Experience in quality systems or assay validation (RUO, LDT, or IVD contexts).

What We Offer

- A full-time, permanent position in a dynamic and growing proteomics company with roots in world-leading research.
- The opportunity to work hands-on with cutting-edge LC-MS technologies and translational biomarker discovery.
- A collaborative and innovative environment where your ideas truly matter.
- Office and lab facilities in Stockholm and flexible working conditions.

Interested? Apply now!

Send your CV and a short cover letter to contact@proteomedge.com with the subject “*Lab Engineer – Proteomics*”.

Applications are reviewed continuously.