

The Next-Generation Protein Sequencing™ Platform of the Future

Questions? Contact us:
quantum-si.com/contact



quantum-si.com/products-and-technology

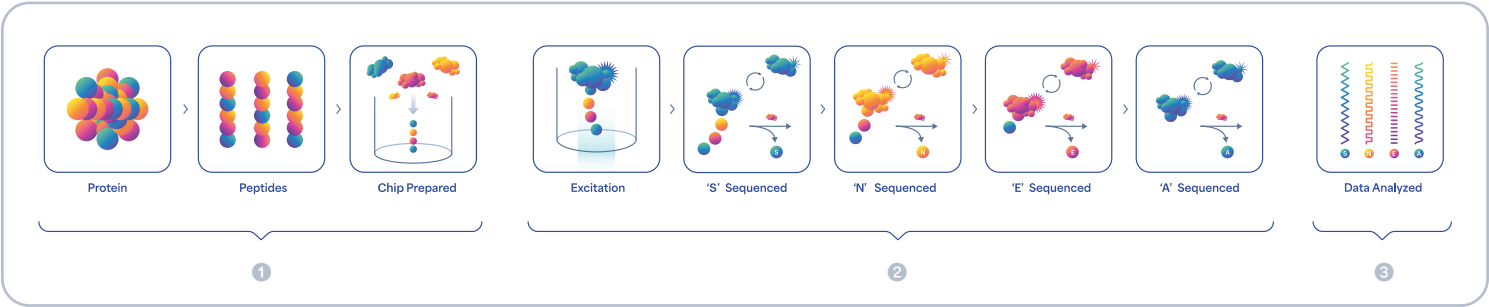
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End-to-End Proteomic Solution

Our easy-to-use, end-to-end solution includes everything you need to prepare, sequence and analyze proteins with seamless integration into your workflow. In just a few steps, Platinum delivers in-depth protein sequencing right to your fingertips.



1 PREPARE

Library Preparation and Sequencing Kits contain everything you need including reagents to digest and functionalize proteins and immobilize peptides on semiconductor chips, along with aminopeptidases and recognizers to commence the sequencing process.



2 SEQUENCE

Platinum sequences individual peptides by capturing the fluorescent signal from each N-terminal amino acid (NAA) binding event. Aminopeptidases cleave each NAA, exposing the next NAA for recognition, and the process repeats until the whole peptide is sequenced.



3 ANALYZE

Data generated during each run is automatically uploaded to the Platinum Analysis Software. Our analysis software delivers single-molecule level information about your proteins making protein identification easy to interpret without the need for bioinformatics expertise.



Unleash the Power of Proteomics in Your Lab

Platinum®, the Next-Generation Protein Sequencer™ from Quantum-Si, makes proteomic discoveries convenient and accessible, while delivering deeper insights.

Platinum offers a benchtop solution with a simple workflow, small footprint and single-molecule resolution to bring the power of protein sequencing to every lab, everywhere.

SCALABLE

- Fits into your workflow
- Less than 3h hands-on time
- Easy to share data globally
- Experience new releases and enhancements

ACCESSIBLE

- Benchtop
- Cost-effective
- No dedicated lab space needed
- No expertise required

INSIGHT-GENERATING

- Single-molecule amino acid resolution
- Interrogate proteforms and modifications
- Direct protein detection method

