

Unleash the Power of Proteomics in Your Lab

Platinum™, the next-generation protein sequencing platform 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.

- Convenient

- Benchtop
- Fits into your workflows
- Less than 3h hands-on time
- Easy to share data globally

- Accessible

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

- Insight-generating

- Single-molecule amino acid resolution
- Interrogate proteoforms & PTMs
- Direct protein detection method



If you have any questions, please contact us on our website.
quantum-si.com/contact



Visit us at quantum-si.com



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The Protein Sequencing Company™

Platinum™ Next-generation Protein Sequencer



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.

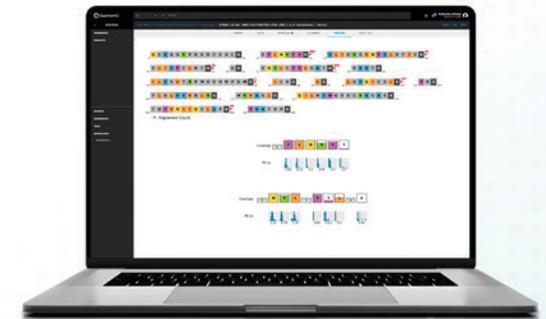
Prepare



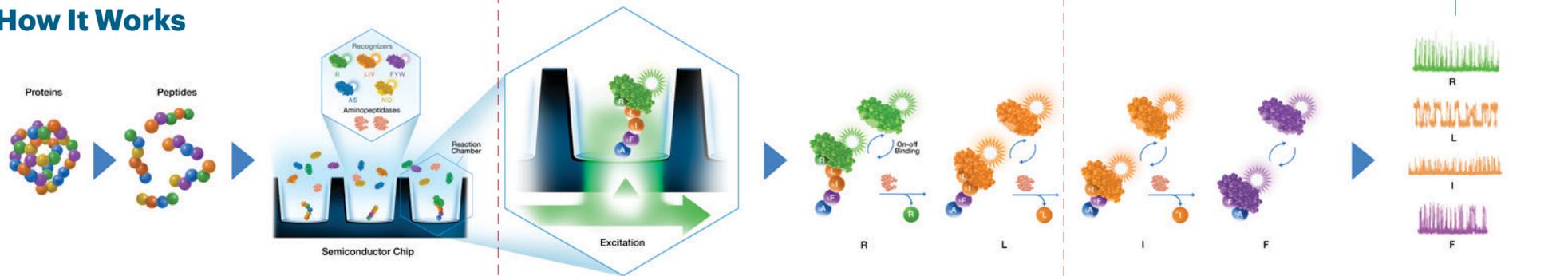
Sequence



Analyze



How It Works



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 sequencing.

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.

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

