



**virax**  **biolabs**

**Protein Sequencing Solutions**

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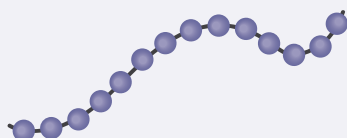
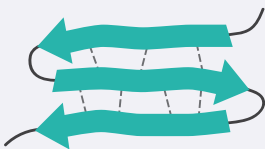
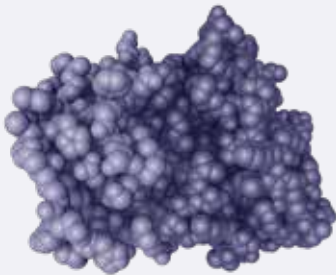
Antibody Sequencing  
High-Purity Peptide Sequencing  
Precise Protein Analysis

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# protein sequencing solutions

Virax Biolabs offers advanced mass spectrometry (MS)-based protein sequencing for high-precision analysis in drug development, biotechnology, and biochemistry. Our services provide deep insights into protein structure, function, and interactions—essential for new therapies, diagnostics, and scientific research.

Each sequencing project includes a clear and detailed report, with validation studies and application reports available upon request. From initial inquiry to final analysis, our expert team is dedicated to providing you with reliable, robust, and precise sequencing solutions tailored to your research needs.



.....FSFLI<sup>40</sup>  
VAGATTLFCL<sup>50</sup>  
LHFGVI.....

Our services offer precise amino acid sequencing, which helps confirm the primary structure of proteins, peptides, and antibodies. This is vital for ensuring the correct translation and structural integrity of therapeutic proteins, such as biosimilars and recombinant proteins.

## Why choose Virax Biolabs?

- ❖ Comprehensive quotes with no hidden fees
- ❖ Technical support to help you choose the option you need
- ❖ Contact us if you work in academic research for further discount

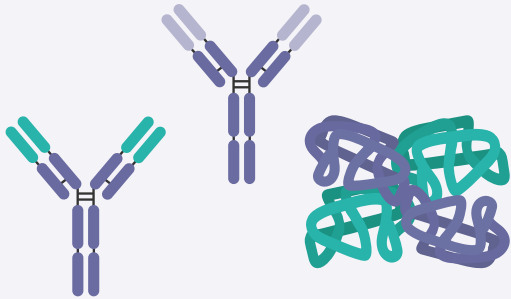
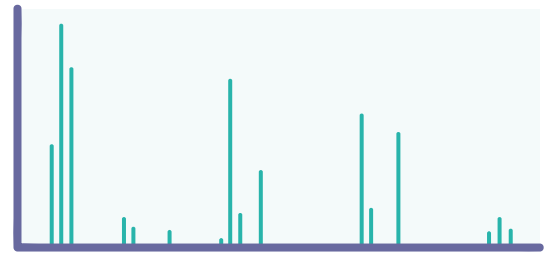
Whether for protein identification, characterization, or advanced applications, Virax Biolabs is your partner in achieving accurate and comprehensive protein analysis.

## workflow

- ❖ **Sample Submission:** Submit protein or peptide samples
- ❖ **Sequencing & Analysis:** Enzymatic digestion and mass spectrometry
- ❖ **Data Interpretation:** Structure, PTMs, and glycan characterization
- ❖ **Comprehensive Report:** Actionable insights for research & drug development

# antibody & protein sequencing

Confirmation of the amino acid sequence of known proteins (using databases).

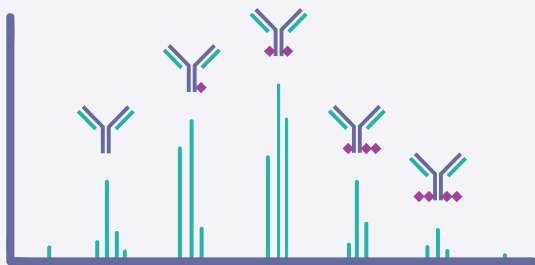
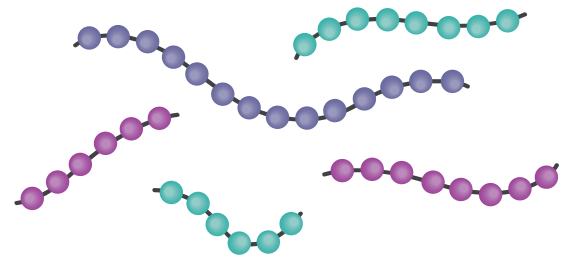


# de novo antibody & protein sequencing

Determination of amino acid sequence of unknown antibodies and other proteins. This method is particularly valuable for identifying novel protein sequences.

# peptide mapping

Verification of protein primary structure, characterizing post-translational modifications, and confirming product consistency in biotherapeutics.

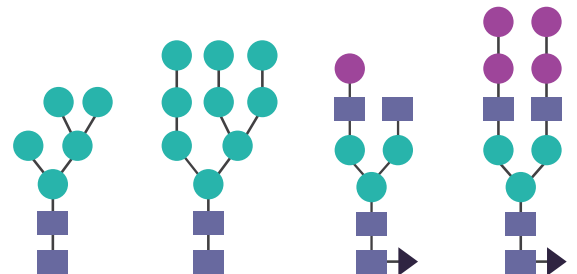


# intact protein analysis

Identification of structural variations and site-specific glycosylation to understand differences in activity or immunogenicity between antibodies with similar Fab regions.

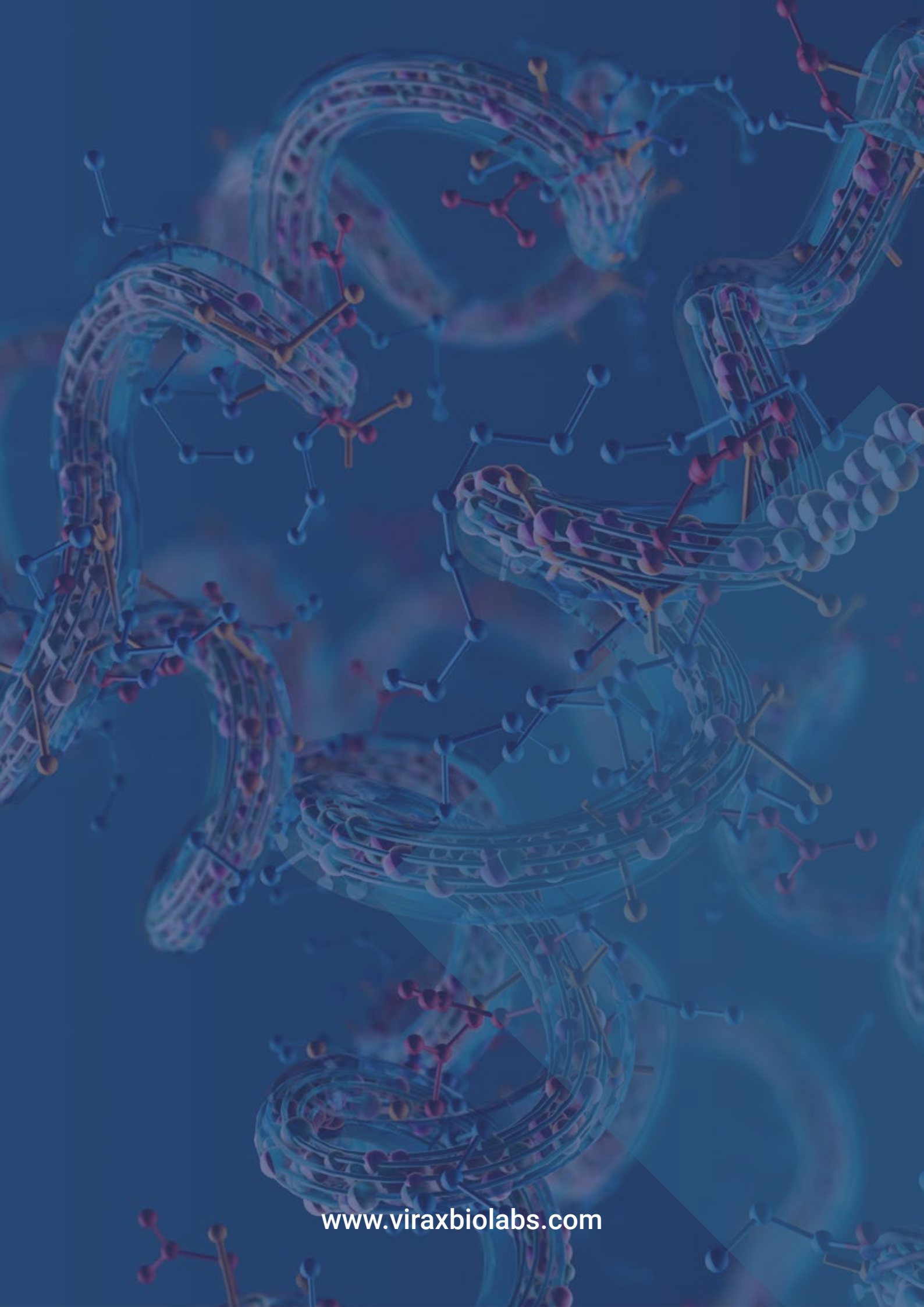
# glycan analysis

Identify proteoform diversity and post-translational modifications.



We put you in control with flexible, customizable options that allow you to steer your project in the direction you need, and our experienced specialists will work closely with you to create a personalized plan, ensuring your project's success.

Contact us at [support@viraxbiolabs.com](mailto:support@viraxbiolabs.com) to find out how we can help you find the protein sequencing solution that's right for you.



[www.viraxbiolabs.com](http://www.viraxbiolabs.com)