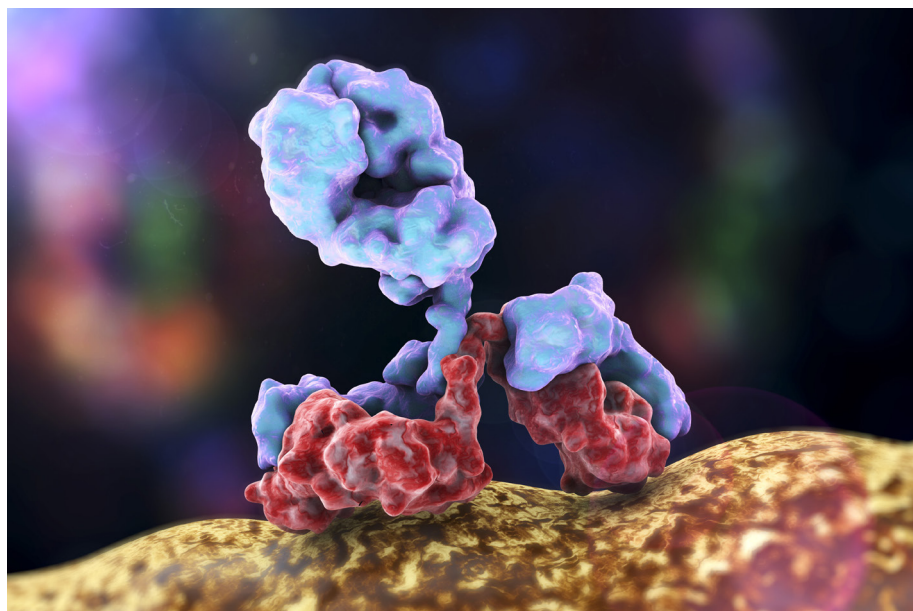


# Biosimilar Testing

Comprehensive physicochemical and Structural analysis crucial to biologic development



**Experts in Recombinant Proteins, mAbs, Vaccines & other Protein Biologics**

**18 years experience in biosimilar testing**

- ✓ Comprehensive testing for biosimilar characterisation
- ✓ Track record of being used in successful regulatory submissions globally
- ✓ Satisfied international blue-chip clientele

## Quality accredited proteomics laboratory



Quality is Assured

All work is in accordance with the laboratory standards of ISO/IEC 17025:2005 (Chemical Testing, and Research and Development). ISO 17025 is recognised worldwide as the main ISO standard used by testing and calibration laboratories, and ensures technically valid results.

## SEQUENCE & STRUCTURAL CHARACTERISATION

- ✓ Peptide mapping for protein sequence
- ✓ N-terminal and C-terminal protein sequencing
- ✓ Disulphide bridge analysis
- ✓ Glycomics/carbohydrate analyses including N- & O-linked glycan analysis and monosaccharide analysis
- ✓ Circular Dichroism (CD) analysis
- ✓ PEGylation analysis

## PHYSIOCHEMICAL CHARACTERISATION

- ✓ Intact mass
- ✓ Fluorescence & UV-vis spectral analysis
- ✓ Amino acid composition with Extinction coefficient
- ✓ Post-translational modifications
- ✓ Impurity profiling by chromatography/ LCMS
- ✓ Aggregation analysis-SEC & AUC

## STABILITY TESTING

- ✓ Long term and accelerated stability study testing – drug substance and drug product

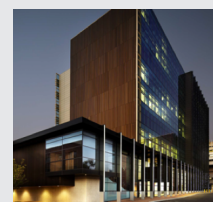
## About the Company

Founded in 2001, Proteomics International is a medical technology company focussed on the industrial scale study of the structure and function of proteins.

World's first ISO 17025 laboratory accreditation for quality proteomics services.

Leading mass spectrometry technology (LC MS/MS) for sensitivity and throughput.

Automated sample preparation for rapid and reliable turnaround times.



Proteomics International



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