



Proteomics International
LABORATORIES LTD

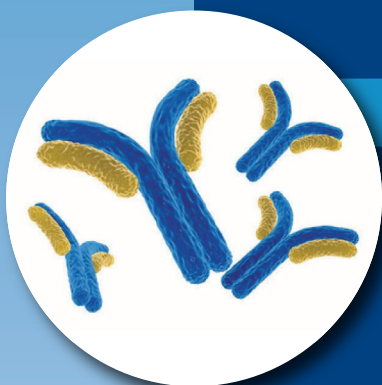
Proteomics International Laboratories

ACCREDITED ANALYTICAL SERVICES



Quality is Assured

**Choose Us & expedite your drug or
diagnostic product development**



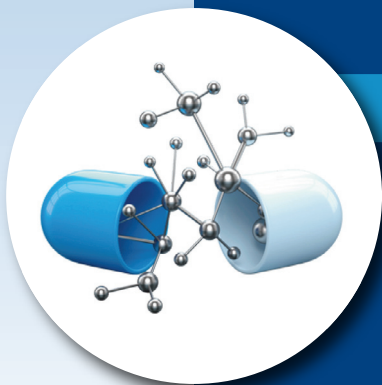
PROTEIN ANALYSIS

- Biosimilar Characterisation
- Protein Sequencing
- Physicochemical & Structure Analysis
- Food QC Testing
- Method Development



BIOMARKER SERVICES

- Protein Biomarker Discovery
- Biomarker Validation
- Companion Diagnostics (CDx)
- Quantitative Differential Expression (iTRAQ/TMT)
- Targeted Mass Spectrometry (MRM/SRM)



PHARMACOKINETICS

- Method Development & Validation
- Small Molecules & Peptides in Various Biological Matrices
- Quantitative Bioanalytics
- Non-Compartmental Analysis (WinNonlin™)

TARGETED MASS SPECTROMETRY EXPERTISE ON SMALL MOLECULES:

- Bioanalytical Testing - Pharmacokinetic Analysis
- Absolute Quantification in Biological Fluids - Targeted Mass Spectrometry (MRM/SRM)

PROVEN TRACK RECORD IN ANALYSING PROTEINS:

- Quantitative Differential Protein Expression Studies (iTRAQ/TMT)
- Food QC Testing
- Biologics/Biosimilar Characterization - Previous Project Examples:
 - **Insulin & Insulin Analogues**
 - **Human - Follicle Stimulating Hormone**
 - **Human Growth Hormone**
 - **Granulocyte Colony Stimulating Factor**
 - **Antibodies - Pertuzumab, Omalizumab & Others**

CORE STRENGTHS:

- ✓ ISO 17025 Accreditation
- ✓ State-of-the-Art Facilities
- ✓ Validated Tests
- ✓ Advanced Platforms and Instrumentation
- ✓ Widely Accepted Techniques for Extensive Structural and Functional Characterization
- ✓ Proven Biosimilar Expertise
- ✓ Experience with Wide Range of Molecules
- ✓ Stringent QC & QA Checks
- ✓ Comprehensive and Tailored Data Packages
- ✓ Successful Submissions to Regulatory Agencies - including FDA & EMA
- ✓ Satisfied International Blue-Chip Clientele

PROMARKER™ PLATFORM:

Proteomics International uses its innovative Promarker™ platform technology to identify the proteins that can be used as a 'fingerprint' of disease or other conditions:

Diagnostics Research & Development - The Promarker™ Pipeline:

- Diabetic Kidney Disease
- Esophageal Cancer
- Endometriosis
- Plant Dieback
- Diabetic Retinopathy
- Oxidative Stress (2-Tag)
- Asthma & COPD
- Giardia & Others

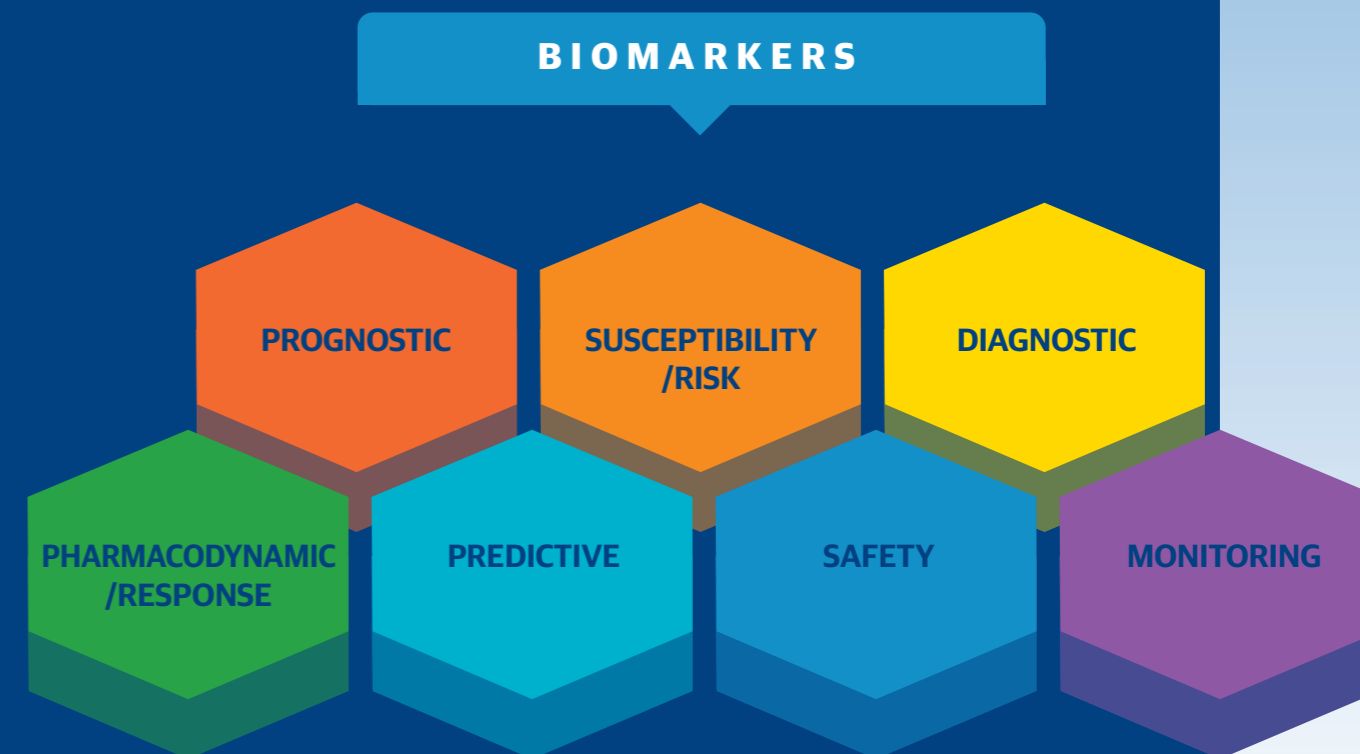
[Promarker_D](#)

[Promarker_{Eso}](#)

[Promarker_{Endo}](#)

Biomarker Services:

- Discover, Verify and Validate Protein Biomarkers for Clients



"YOUR PROTEIN BIOMARKER RESEARCH PARTNER"



DISCOVERY PHASE

CLINICAL

Pooled Groups
(N = 10-20)

TRIPLICATE ANALYSIS

1 MONTH



VERIFICATION PHASE

CLINICAL

Individual Samples
(N = 10-20)

- ASSAY DEVELOPMENT
- TARGETED MASS SPECTROMETRY
- STATISTICAL EVALUATION

1 MONTH



CLINICAL VALIDATION

CLINICAL

Individual Samples
(N > 500)

- ASSAY OPTIMISATION
- TARGETED MASS SPECTROMETRY
- STATISTICAL VALIDATION

3 MONTHS

BIOMARKER DISCOVERY, VERIFICATION AND VALIDATION



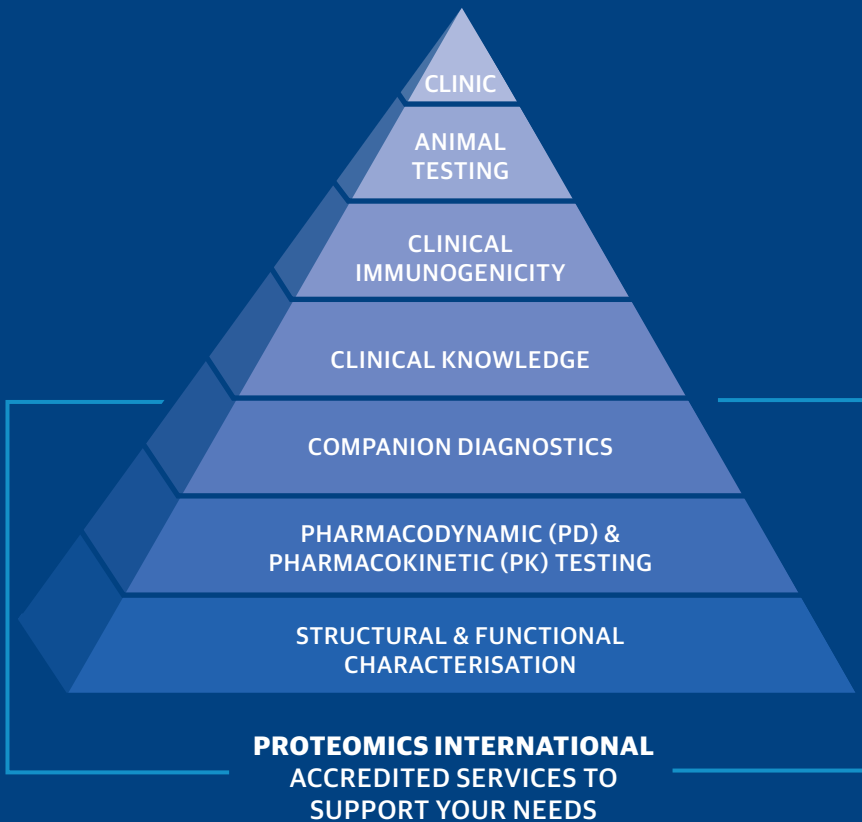
Publications



Diagnostic Biomarker Assay



Patent



SCAN FOR
SERVICE DETAILS



Proteomics International
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