

# Biomarker Discovery & Validation Services

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

## Promarker® Platform:



Proprietary platform for protein biomarker discovery, strengthened by validation using absolute quantitation of proteins



Uses high resolution and ultrasensitive mass spectrometers, operated by highly experienced mass-spectrometry experts

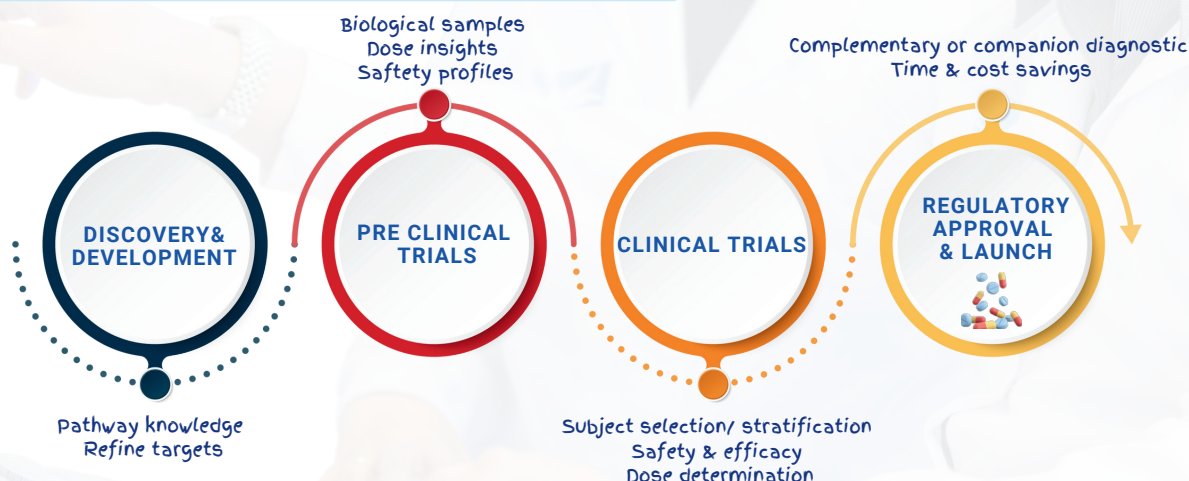


De novo biomarker discovery approach, characterized by minimal sample requirements and applicable across species

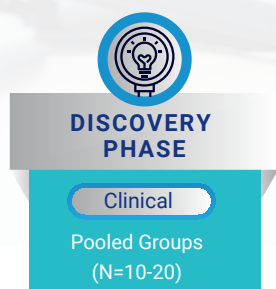


Success with multiple disease cohorts - including Diabetic Kidney Disease, Esophageal Cancer & Endometriosis

### UTILITY OF PROTEIN BIOMARKERS IN DRUG DEVELOPMENT PATHWAY:

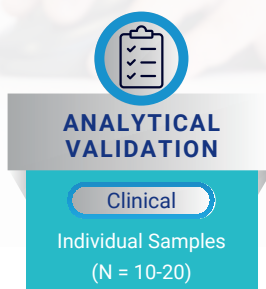


### PLATFORM STUDY DESIGN:



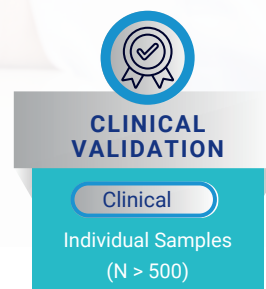
- Triplicate analysis

1 MONTH



- Assay Development
- Targeted Mass Spectrometry
- Statistical Evaluation

1 MONTH



- Assay Optimisation
- Targeted Mass Spectrometry
- Statistical Validation

3 MONTHS

- ✓ Publications
- ✓ Diagnostic Biomarker Assay
- ✓ Patent





# Bioanalytical - Pharmacokinetic Testing

'Trusted Bioanalytical Testing Partner providing Specialized Mass Spectrometry Expertise since 2001'

**QUALITY | ACCURACY | SPEED**

## METHOD DEVELOPMENT EXPERTISE

- Experience in small molecules/peptides in various biological matrices
- Skilled staff of LC-MS/MS experts
- Dedicated PK team with a combined 35 years of experience
- Experience in First-in-Human studies

## VALIDATED METHODS & PROTOCOLS

- Ensures reproducibility and repeatability of methods
- Certifies them fit for the intended purpose
- Validation data packs (reports and certificates) provided

## HIGH THROUGHPUT SAMPLE ANALYSIS

- High throughput analysis using robotic liquid handling systems
- Enabling rapid turnaround times for SAD & MAD cohort analysis
- Multiple highly sensitive LC-MS/MS instruments
- Non-Compartmental Analysis capability with Phoenix® WinNonlin®

## QUALITY ACCREDITED SERVICES

- ISO 17025 accreditation ensures validity, traceability and reproducibility of results

## ABOUT US



### LEADING THE FIELD

World's First ISO 17025 Accredited Laboratory for Proteomics Services



### GOVERNMENT-RECOGNIZED R&D PARTNER

Registered Research Service Provider (RSP) for Australia's R&D Tax Incentive Program



### MASTERING PROTEIN PROFILING

Expertise in Protein Comprehensive Structural & Functional Characterisation



### REGULATORY APPROVAL SUCCESS

Data Used in Client Regulatory Approvals



### QUALITY SERVICES

Quality Management Systems for Service Provision



### LEADING THE WAY IN LC MS/MS TECHNOLOGY

Leading Mass Spectrometry Technology (LC MS/MS) for Sensitivity and Throughput



### REVOLUTIONIZING ASSAY DEVELOPMENT

Hundreds of Targeted Mass Spectrometry Assays Developed



### CUTTING-EDGE FACILITIES

State-of-the art Facilities in Western Australia

