



**TRUE**  **SIGNATURE™**

CLINICAL BIOMARKER  
MONITORING WITH ABSOLUTE  
PRECISION

Reliably Monitor Biomarkers with Custom Protein  
Quantification Panels

# SPEED UP DECISION MAKING AND DE-RISK CLINICAL DEVELOPMENT

Reliable biomarkers are fundamental for the success of clinical studies. Establishing effective biomarkers speeds up decision-making and supports clinical trial advancement. Our TrueSignature™ platform offers different panels for any of your needs in clinical settings. TrueSignature™ is powered by Parallel Reaction Monitoring (PRM) mass spectrometry, allowing complete customization and independence from affinity-based recognition and reagent availability.

**PHARMACO  
DYNAMIC  
BIOMARKERS**

## Our TrueSignature™ Panel Applications

Our Pharmacodynamic Biomarkers solution provides critical information about target effect, biological response, and target engagement in vivo. Moreover, the biomarkers define the selected lead compounds and help guide drug dosing.

**CLINICAL  
BIOMARKER  
PANELS**

Our Clinical Biomarker Panels enable accurate qualitative and quantitative validation and monitoring of efficacy and safety biomarkers in clinical trials. Biomarkers of interest can then be developed for use in clinical practice to aid diagnosis, disease monitoring, and drug response prediction.

**TRUE DISCOVERY™**

**TRUE SIGNATURE™**

## Integrated Solutions from Discovery to Clinic

TrueSignature™ panels are available as standalone or integrated solution in which insights from TrueDiscovery™ unbiased proteomics studies guide the choice of proteins in the TrueSignature™ custom panel.

# OVERCOME THE OBSTACLES TO BRING YOUR DRUG TO THE CLINIC

The key reasons clinical trials fail are the inability to demonstrate efficacy and unexpected safety issues. With our TrueSignature™ panels, you can analyze your protein signatures of interest at amino acid resolution to validate robust biomarkers to design and advance successful clinical trials.

## Benefits

**Accurate**

**Flexible**

**Multiplexed**

**Tailored**

**Regulated**

## Features

Complete customization down to amino acid resolution (i.e., mutations, truncations, isoforms) and absolute protein quantification

Independence from affinity-based approaches and reagent availability

Unprecedented level of multiplexing, enabling the simultaneous absolute quantification of up to 100 proteins

Customizable across species and disease indications to best suit your research goals

Upon request, the TrueSignature™ panels can be performed in a GLP and GCP regulated environment

«Biognosys' high-precision custom proteomics panels enable us to monitor and quantify protein degradation across all aspects of drug development, including preclinical and clinical programs.»

**Nello Mainolfi, Ph.D.,**  
Co-Founder, President, and CEO,  
Kymera Therapeutics

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# BIOGNOSYS: A LEADING INNOVATOR IN PROTEOMICS

As the leading inventor and innovator of mass spectrometry-based proteomics solutions, we offer industry-leading technology and actionable insights that you can trust to accelerate your research.

 <p><b>&gt; 13</b> years of innovation in Proteomics</p>	 <p><b>&gt; 50%</b> PhD scientists on staff</p>	 <p><b>&gt; 20</b> granted international patents</p>	 <p><b>&gt; 2,000</b> publications on Biognosys' technology</p>	 <p><b>&gt; 9,687</b> sqft lab and LC-MS facilities</p>	 <p><b>&gt; 800</b> global customers</p>
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## YOUR PARTNER THROUGHOUT THE RESEARCH JOURNEY

Biognosys is your trusted partner throughout the discovery and development journey with attentive pre-study consultation, high quality and timely data delivery, and insightful reporting.

Contact us at [services@biognosys.com](mailto:services@biognosys.com) to discuss your specific study needs with one of our scientific or technical consultants.

At Biognosys, we believe that deep proteome insights hold the key to breakthrough discoveries that can dramatically improve human health. We enable life science researchers and drug hunters to look at the proteome from every angle with our versatile portfolio of proprietary proteomics services, software, and kits. These solutions provide a multi-dimensional view of protein expression, function, and structure in all biological species and sample types. Through advanced data analytics, Biognosys translates data into actionable insights for R&D and clinical research.