somalogic™

panomebio

SomaScan® 7K Assay – Combining Proteomics with Metabolomics

Measure more, learn more with one of the world's largest protein analysis platforms

Proteomics is used to study the structures, functions, and patterns of protein expression in biological systems and is an important tool in understanding the link between proteins and disease. Panome Bio™ has the ability to complement your metabolomics data with proteomics to better understand pathways and metabolism through our partnership with Somalogic. Somalogic's SomaScan® 7K Assay is a high-throughput proteomics assay that screens 7,000 proteins per sample simultaneously.

Highlights

Somascan Assay
Measure 7,000 proteins in a single sample and gain new insights into biomarker discovery and drug development.

Discover new data from your clinical samples with powerful protein profiling

- **~5%** median CV for plasma
- **7,000** proteins analyzed in each sample
- **10 log** dynamic range from fM to µM
- **>400** publications to date
- **450,000** samples run to date

https://somalogic.com/publications/

What you can achieve with the SomaScan Assay Services

FOR PHARMACEUTICAL R&D

- Target Identification
- Target Validation
- Mechanism of Action
- PK/PD
- Enrichment of Clinical Trials
- Stratification of Clinical Trials

FOR ACADEMIC R&D

- Disease Biology Modeling
- Disease Sub-Phenotyping
- Physiology Investigation
- Pathway Regulation Investigation
- Rapid Translation from Bench to Bedside
- Dovetailing with Clinical Care

Key Disease Areas

CARDIOVASCULAR DISEASE

Circulating proteins are powerful indicators of cardiovascular disease. More than 55 CVD publications feature SomaScan data.

DIABETES

Models built from SomaScan data have been used to predict progression from pre-diabetes to diabetes.

ONCOLOGY & IMMUNOTHERAPY

Identify and characterize cancers and predict response to immunotherapy by measuring circulating proteins.

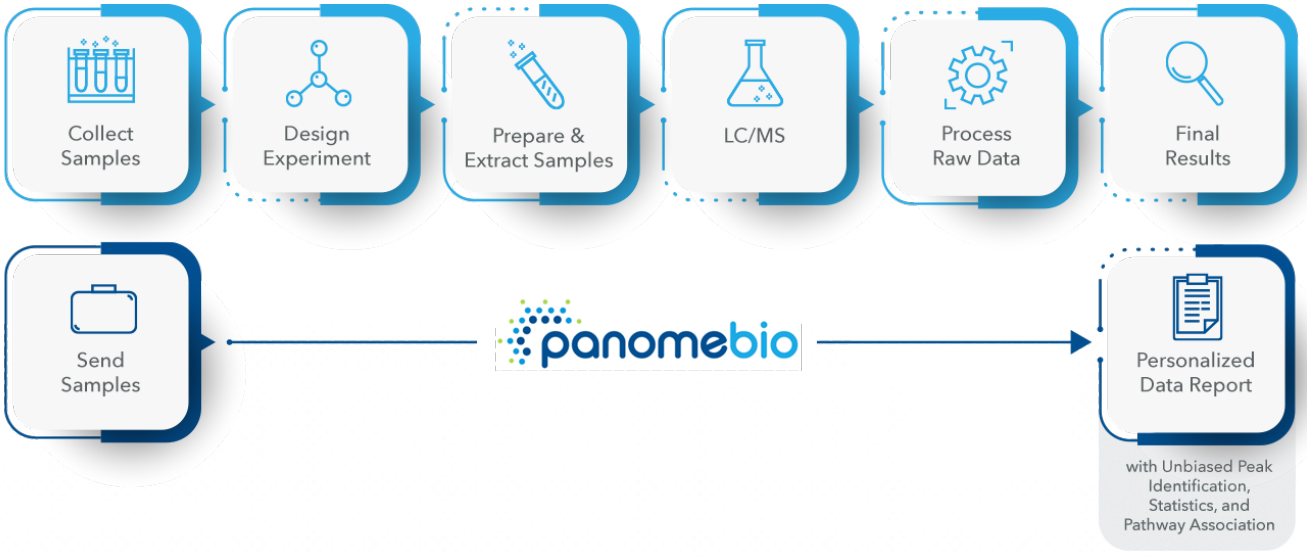
NONALCOHOLIC STEATOHEPATITIS

The SomaScan Assay can be used to detect biomarkers associated with nonalcoholic steatohepatitis and nonalcoholic fatty liver disease.

RARE DISEASE

The SomaScan Assay has been used in biomarker discovery and pathway analysis to aid in diagnosing and developing effective treatments for rare diseases.

Working with Panome Bio™



Panome Bio can help you profile and discover biomarkers with Next-Generation Metabolomics and proteomics assays while saving time and resources. Our technology offers you a global and unbiased view of metabolism, coupled with Somalogic's SomaScan proteomics assay you will gain correlations and insights between the metabolome and proteome, giving you a full picture of pathways, disease, and getting you results closer to phenotype.
Contact us to learn more.

Contact Us

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