

SomaScan[®] Assay Services

A proteomics platform driving pioneering discoveries

**Explore the Power of More with high-plex protein profiling.
More proteins, more pathways, more pQTLs, more proof.**

Largest menu

7,000 or 11,000
protein measurements
in a 55 μ L biological
sample*

Reproducibility

~5% median
coefficient
of variation (CV)

Sensitivity

10-log dynamic range
from fM to μ M

Specificity

Aptamer-based
SOMAmer[®] Reagents
designed for epitope
binding

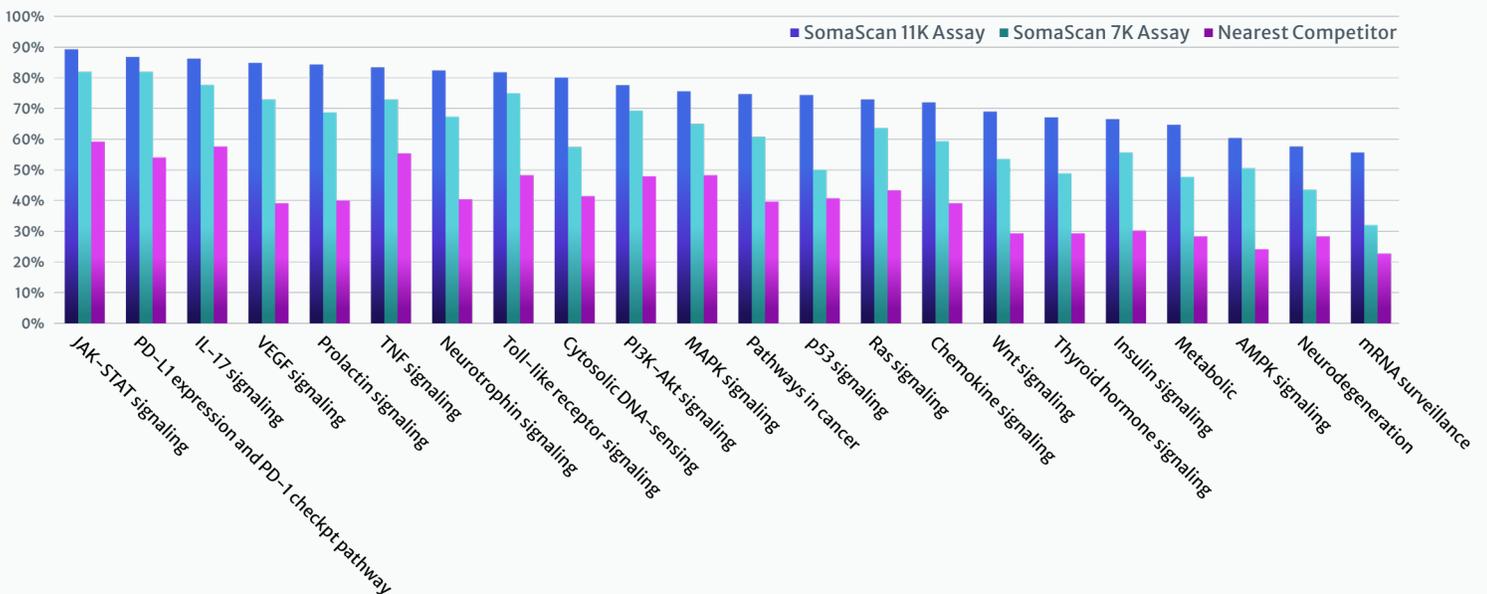
Publications

800+ and growing
[www.somalogic.com/
publications/](http://www.somalogic.com/publications/)

*SomaScan 11K Assay: plasma and serum

*SomaScan 7K Assay: plasma, serum,
urine, CSF and other sample types

**Realize every sample's full potential: human plasma and serum
Detect proteins across every major biological pathway**



Identify biomarkers and elucidate pathways in discovery and translational science:

- Target identification and validation
- Mechanism of action
- Disease biology modeling
- Pharmacokinetics/pharmacodynamics
- Enrichment of clinical trials
- Stratification of clinical trials
- Disease sub-phenotyping
- Physiology investigation
- Pathway regulation investigation
- Dovetailing with clinical care

Key disease areas

Cardiovascular
disease

Neurology

Diabetes

Nonalcoholic
fatty liver
disease

Oncology &
Immunotherapy

Rare
disease

SomaScan 7K Assay: Custom and disease specific panels and SomaSignal® tests are also available for a more targeted approach to your protein profiling.

How to work with our CLIA-certified lab in the U.S.



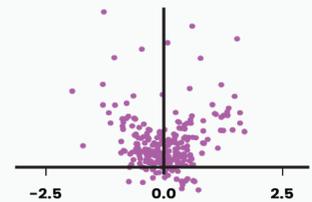
Initiate SomaScan Assay Services

- Gain access to our Life Science customer portal and initiate your project
- Choose from our SomaScan 11K Assay or the SomaScan 7K Assay which includes customized and disease focused panel
- Submit your samples to SomaLogic. Upon receipt, samples are processed and prepared for assaying at our CLIA/CAP-certified lab



The SomaScan Assay

- Before being processed, your samples are diluted and prepared with SomaScan Assay components including our engineered SOMAmer protein capture reagents
- Samples are transferred for hybridization to a custom microarray; data are read out upon completion of the SomaScan binding assay



Data Generation

- Data files are generated, formatted, and provided to you through our confidential customer portal
- Data can be visualized using tools in the SomaLogic portal or can be processed by your team

SomaLogic's project managers provide additional support through the process.

Abbreviations: CAP, College of American Pathologists; CLIA, Clinical Laboratory Improvement Amendments.

“SomaScan [Assay] is the state-of-art proteomic platform in multiplex, sensitivity and throughput.”

Customer response to tech validate survey



Learn more about
the SomaScan Assay

[somallogic.com/
somascan-assay-services/](https://somallogic.com/somascan-assay-services/)

ISO certifications

ISO 15189 Accreditation
Certificate
ISO 27001 – Certificate
Reissue – 2022
ISO 9001 Certificate

SL00000280 Rev 5 2024-01

SomaScan Assay Services Brochure

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