



Assessing pre-analytical variation for more accurate proteomic analysis

What is pre-analytical variation?

Differences in collection, handling, and storage can lead to sample variation, which can affect many analyses in proteomics. Identifying these variations is essential to help identify skewed data and avoid misleading analyses. That's why SomaLogic developed SomaSignal® Tests for Pre-Analytical Variation.

Tested samples can mean more accurate data

SomaSignal Tests for Pre-Analytical Variation provide an assessment of sample variation, enabling identification of impacted measurements and allowing you to account for these variations where necessary.

These tests may help minimize the impact of pre-analytical variation when preparing samples for protein assays by:

Using a subset of the 7,000 proteins measured by the SomaScan Assay

Providing proteomic profiles that play an important role in the advancement of diagnostics and therapeutics

Identifying, characterizing, and helping manage the impact pre-analytical variation can have on research data

SomaLogic technical assistance

Our technical team is available to help determine what proteins may have been affected by sample collection and handling, and to identify critical steps where variation can be minimized for more reliable results.

Pre-analytical variation assessments are now available with the SomaScan® Assay

Keep your research moving forward

Proteomics can be critical in the discovery of new biomarkers, but you first need to assess sample variation to understand how to account for any changes in your final results. Doing so is a vital step in optimizing proteomic analyses and could accelerate your research.

SomaSignal Tests	Sample type
Time-to-spin	Human plasma
	Human serum
Time-to-decant	Human plasma
	Human serum
Time-to-freeze	Human plasma
	Human serum
Freeze-thaw	Human plasma
	Human serum
Fed-fasted	Human plasma

For more details

Visit <https://somalogic.com/pre-analytical-variation> or scan the QR code for more information.



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