



The endothelium is the body's vascular "switchboard"

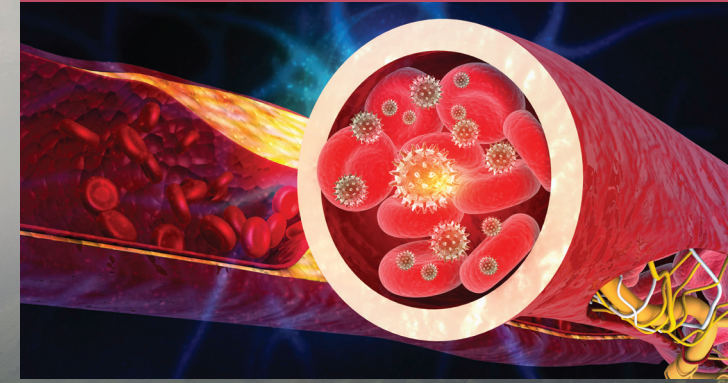
The endothelium is the 'lining' inside of your blood vessels. It helps coordinate many of the signals that regulate vascular function, blood flow, inflammation, healing, and communication throughout the circulatory system.

Changes in endothelial function may be associated with underlying metabolic and vascular conditions.

Conditions commonly associated with vascular inflammation and endothelial injury biology include:

- **Dyslipidemia** - 105.3 million adults in the U.S. have lipid abnormalities¹
- **Hypertension** - 47% of U.S. adults are estimated to have hypertension²
- **Diabetes** - In the U.S., 38.4 million people are diabetic and 97.6 million adults have prediabetes³

How does SmartVascular Dx differ from other tests?



- 1 **Assesses** biomarkers associated with vascular inflammation and endothelial injury biology.
- 2 **Provides** adjunctive biomarker information that may assist physician assessment in patients with health conditions.
- 3 **Utilizes** a multi-biomarker approach to evaluate biological processes associated with vascular inflammation.

Assessing Biomarkers Associated with

Vascular Inflammation and Endothelial Injury Biology

SmartVascular Dx provides an assessment of vascular inflammation and endothelial injury biology that may assist physician assessment in patients with diabetes, hypertension, or dyslipidemia.

Getting tested is simple

Speak with your Doctor to determine whether SmartVascular Dx is appropriate for you.

A simple blood draw is all that is needed.

Results are presented in an easy-to-understand report for review with your healthcare provider.

SVDx provides additional information that may support clinical evaluation when interpreted by a healthcare professional.

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Why choose SmartVascular Dx?

SmartVascular Dx is a simple yet powerful blood test that measures 7 key biomarkers associated with vascular inflammation and endothelial injury biology.⁴



- IL-16
- sFas
- Fas Ligand
- HGF
- CTACK
- Eotaxin
- MCP-3

By evaluating multiple biomarkers simultaneously, SVDx provides physicians with additional information that may be considered alongside clinical history, physical examination, laboratory findings, and other diagnostic assessments in patients with dyslipidemia, hypertension, and diabetes.

Test results should always be interpreted within the context of the individual patient's overall clinical picture.

For patients undergoing ongoing clinical evaluation, serial testing may help physicians review biomarker patterns over time and assess changes in the measured biomarker profile.

Understand your inflammation



SmartVascular Dx Test results provide additional information for physicians to consider when evaluating patients with dyslipidemia, hypertension, and/or diabetes. Results are intended to support, not replace, clinical judgment.

References:

1. Toth PP, Potter D, & Ming EE. (2012) Prevalence of lipid abnormalities in the United States: the National Health and Nutrition Examination Survey 2003-2006. *Journal of clinical lipidology*, 6(4), 325-330. <https://doi.org/10.1016/j.jacl.2012.05.002>
2. Martin et al. (2024) Heart disease and stroke statistics: a report of U.S. and global data from the American Heart Association. *Circulation*, Published online January 24, 2024. doi: 10.1161/CIR.0000000000001209
3. National Diabetes Statistics Report. https://stacks.cdc.gov/view/cdc/148231/cdc_148231_DS1
4. SVDx Test. Cardiovascular Disease Risk Tests - Medical Clinical Policy Bulletins | Aetna

Know Your Vascular Health

Empowering Wellness

To discover more about SmartVascular Dx, consult your physician or visit mslinc.com to learn more.



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