

avigena

The Leading Genomic Prevention Company in the MENA

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Polygenic Risk Test – Cardiovascular

**Simple DNA Saliva Test To Uncover Your Inherited
Risk For 8 Common Cardiometabolic Conditions**

SIMPLE DNA SALIVA TEST TO UNCOVER YOUR INHERITED RISK FOR 8 COMMON CONDITIONS:



Coronary Artery Disease



Diabetes Mellitus, Type 2



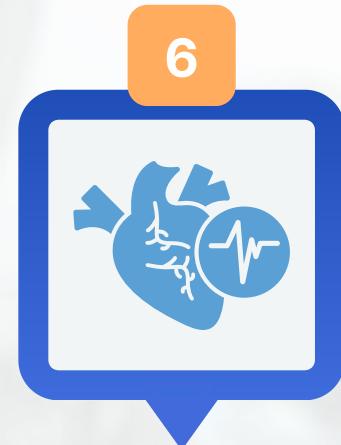
Elevated Lipoprotein(a)



Hypercholesterolemia



Hypertension



Atrial Fibrillation



Thoracic Aortic Aneurysm

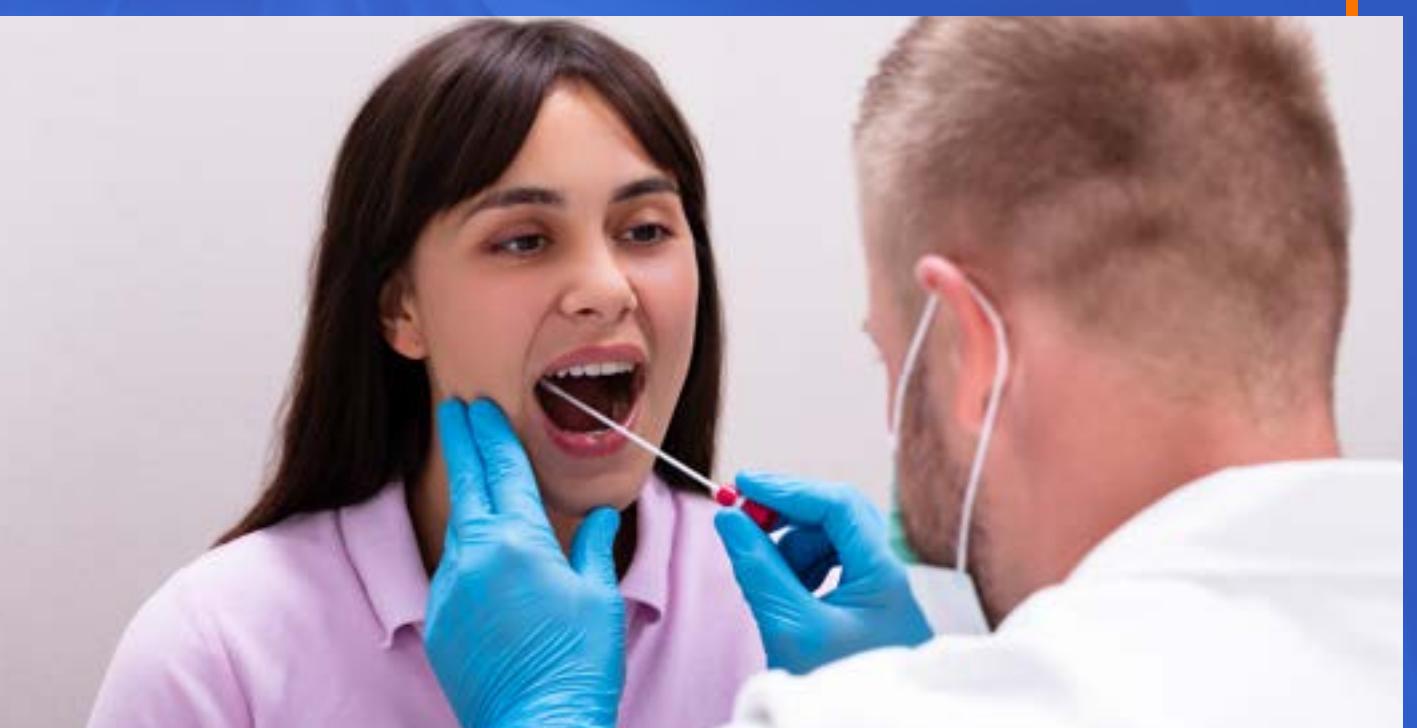


Venous Thromboembolism

WHAT IS A POLYGENIC SCORE?

- ▶ Everyone has small genetic differences, called variants.
- ▶ These variants can affect the risk of developing certain diseases.
- ▶ A polygenic risk score (PRS) combines the effects of millions of genetic variants to estimate your disease risk.
- ▶ While each variant has a small effect, their combined impact can be significant.

**If you want to know more about PRS, you can visit:
<https://polygenicscores.org/explained/>**



TESTING STRATEGY

The Mass General Brigham Polygenic Risk Test – Cardiovascular is intended to help estimate genetic risk for cardiovascular conditions in individuals **who are interested in preventive healthcare.**

WHO SHOULD TAKE THIS TEST?

This may include people:

- > Seeking personalized strategies for cardiovascular prevention**
- > With a family history of cardiovascular conditions**
- > With limited or unknown family history**
- > Who developed CAD despite lacking traditional risk factors**
- > Who have developed a condition without having traditional risk factors**

Why PRS for Cardiovascular/Cardiometabolic Matters

The Polygenic Risk Score (PRS) for cardiovascular conditions is a revolutionary genetic test that helps identify your inherited risk of common cardiovascular conditions.



Single comprehensive test covers 8 cardiometabolic conditions



Identifies genetic risk decades before symptoms. Finds high-risk individuals missed by standard screening



Enables targeted lifestyle and medical prevention



Harvard-affiliated health system (Mass General + Brigham), validated with Broad Institute



Access to cutting-edge precision cardiology programs

Important Considerations for Interpreting PRS Test Results



-  The test results should be interpreted in the context of this individual's personal medical history and family history.
-  This test does not examine rare variants in genes associated with monogenic forms of these conditions.
-  This test is not intended to be utilized for diagnostic purposes.
-  Additional testing may be appropriate if the individual has clinical features or a family history of monogenic conditions.

BACKGROUND



- Polygenic risk describes the chance of developing certain health conditions based on a large number of genetic variants across the genome.
- This analysis does not examine rare variants in genes associated with monogenic forms of these conditions.
- Additional testing may be appropriate if the individual has clinical features or a family history of monogenic conditions.
- The results of this test should be interpreted in the context of the individual's personal medical and family history.

HOW IT WORKS – STEP-BY-STEP



Order the Test

You or your doctor places an order through our secure platform.



Collect Your Sample

The saliva kit can be used at a designated location or sent to you.



DNA Analysis

Your sample is sent to our certified lab.



Get Your Results

Your report is sent to you and available in your secure portal.



Virtual Counseling

A video call will be scheduled with a genetic counselor to explain your results and next steps.



Share with Your Doctor

With your consent, your doctor receives a clinical summary and next-step guidance.

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Developed to be performed in cooperation with Avigena's partner Laboratories and delivered by Avigena. Results are ready in 4 to 8 weeks.

Along with your personalized risk report, eligible patients receive a complimentary virtual session with an Avigena genetic counselor.

We'll explain your results and help you explore practical steps to reduce your risk.



HOW TO GET TESTED- CONTACT US

Ask your doctor about the PRS test for 8 common cardiovascular conditions or contact us to learn more.



YOUR DNA CAN GUIDE YOUR PREVENTION

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