

CardiaX Panel

Unlock Genetic Insights Into Heart Health with the CardiaX Panel

Dealing with an irregular heartbeat, high blood pressure, elevated cholesterol, obesity or genetic issues that may cause heart problems? The CardiaX Panel is designed to help you gain a clearer understanding of different genetic predispositions such as heart disease, high blood pressure, and cholesterol imbalances. By analyzing each variant, this test provides personalized insights into how your body may be inclined to respond to certain cardiovascular risks.

This test is also very valuable if you have a family history of heart disease. By taking this test, you are proactively managing your cardiovascular health and taking preventative measures towards a healthy future.

Take control of your heart health today. Speak with your healthcare provider to learn how the CardiaX Panel can guide personalized care strategies and optimize your long-term wellness.

How It Works

The CardiaX Panel provides a comprehensive evaluation of genetic factors influencing cardiovascular health. By analyzing 21 genetic variants linked to heart disease, hypertension, and cholesterol metabolism, this test offers personalized insights into your genetic predispositions. Whether you are managing chronic conditions or seeking preventive care, the CardiaX Panel equips you and your provider with the data needed to develop a proactive and personalized heart health plan.

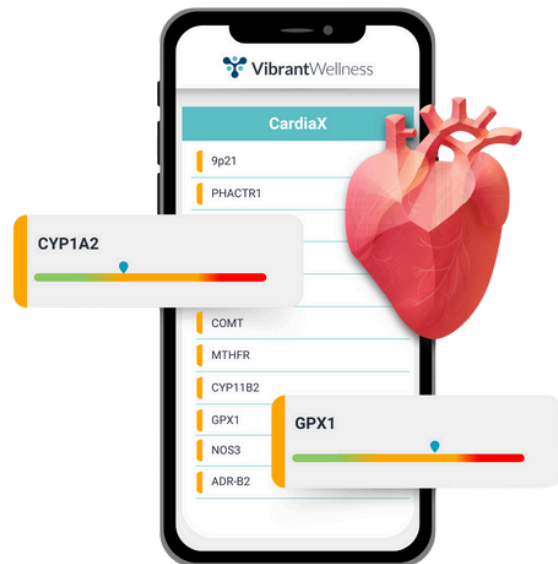
Why Choose the CardiaX Panel?

- **Proactive Risk Assessment:** Identifying genetic predispositions enables early interventions to lower the likelihood of cardiovascular conditions through tailored care strategies.
- **Targeted Treatment Strategies:** Understanding genetic responses to medications and lifestyle changes supports personalized cardiac care that aligns with individual health goals.
- **Integrated Health Management:** Combining genetic insights with clinical evaluations offers a holistic approach to heart health, ensuring that care plans are comprehensive and effective.
- **Prevention Over Treatment:** Addressing genetic risk factors early helps reduce the need for more invasive interventions later in life, promoting long-term cardiovascular health.



Key Markers Include:

- **9p21:** Strongly associated with chronic inflammation and the development of arterial plaque. Its presence may significantly increase an individual's risk of heart attacks and strokes.
- **ApoE:** Involved in the regulation of cholesterol metabolism and lipid transport. Certain variants of ApoE are linked to a higher risk of developing atherosclerosis and Alzheimer's disease.
- **NOS3:** Plays a key role in the production of nitric oxide, a molecule essential for healthy blood vessel function. Variations in this gene can impact vascular tone and contribute to blood pressure imbalances.
- **CYP11B2:** Involved in the production of aldosterone, a hormone that helps regulate sodium and water balance in the body. Variations in this gene are linked to salt-sensitive hypertension.
- **MTHFR:** Plays a vital role in homocysteine metabolism and supporting healthy endothelial function. Genetic variants in MTHFR have been associated with elevated cardiovascular risks, including hypertension, thrombosis, and arterial damage.



The CardiaX Panel provides insights into how genetic predispositions influence risk factors for chronic heart disease, such as arterial plaque formation, cholesterol metabolism, and blood pressure regulation. Additionally, it evaluates genetic responses to cardiac medications, enabling healthcare providers to tailor treatment strategies.

Who Should Take This Test?

- **Is Your High Blood Pressure Quietly Impacting Your Health?** High blood pressure may be a warning sign of underlying heart problems. This test can help you uncover those issues and take control of your health
- **Wanting To Take Control of Your Cholesterol?** Taking control of your cholesterol starts with understanding your current levels and what they mean. This test can help show that.
- **Struggling With An Irregular Beating Heart?** An irregular heartbeat can be unsettling and may point to underlying heart issues. This test can help identify the cause and restore peace of mind.
- **Striving To Lose Weight Because of Obesity?** Losing weight as a result of obesity can greatly benefit your heart health. This test provides personalized insights to guide your next steps toward lasting improvement.

Take the First Step Towards Better Health

If you're experiencing an irregular heartbeat, high blood pressure, elevated cholesterol, obesity, or poor circulation, it could be a sign that your heart needs attention. The CardiaX Panel provides personalized insights into your risk for heart disease by examining factors like lipid metabolism, genetic predispositions, and vascular inflammation. Speak with your healthcare provider today to gain a deeper understanding of your heart health!

Limitations

Please note the information provided by Vibrant Wellness is intended solely for research and informational purposes to help inform lifestyle choices aimed at potential risk mitigation. The information is not intended to be used by the patient for any diagnostic purpose and is not a substitute for medical advice by a healthcare practitioner. Please consult a licensed healthcare practitioner for any questions regarding diagnosis, prevention, or treatment of any disease or health assessment.

The test is not available in NY State.

Regulatory Disclaimer

Please note the information provided by Vibrant Wellness is intended solely for research and informational purposes to help inform lifestyle choices aimed at potential risk mitigation. The tests were developed, and their performance characteristics were determined by Vibrant America and Vibrant Genomics. They have not been cleared or approved by US Food and Drug Administration. The laboratory is certified under the Clinical Laboratory Improvements Amendments (CLIA) as qualified to perform high complexity testing. The laboratory is also in compliance with College of American Pathologists (CAP) regulations and New York State Department of Health (NYSDOH) regulations.