



Genetic Testing for Cardiovascular Disorders

Unlocking Genetic Insights for a Healthier Heart

Why Hereditary Cardiovascular Disorders Matter?

Many heart conditions have a genetic component. Understanding your genetic predisposition to heart disease can be key to early detection and personalized medicine for heart health. Identifying heart disease risk genes helps in assessing inherited conditions, empowering you to take control of your well-being.

About Our Partnered Labs

At our partnered labs, we specialize in cardiovascular genetic testing, providing cutting-edge solutions to uncover genetic risk factors linked to heart health. Our state-of-the-art technology ensures accurate and actionable insights that help individuals and families make informed decisions.

Why Genetic Testing for Cardiovascular Disorders?

1. Your Heart, Your Heritage

Your genetic makeup influences your heart health. Understanding inherited heart conditions can guide proactive care.



2. Silent Risks, Lifesaving Insights

Many hereditary cardiovascular disorders show no symptoms until complications arise. Our test helps detect risks early.



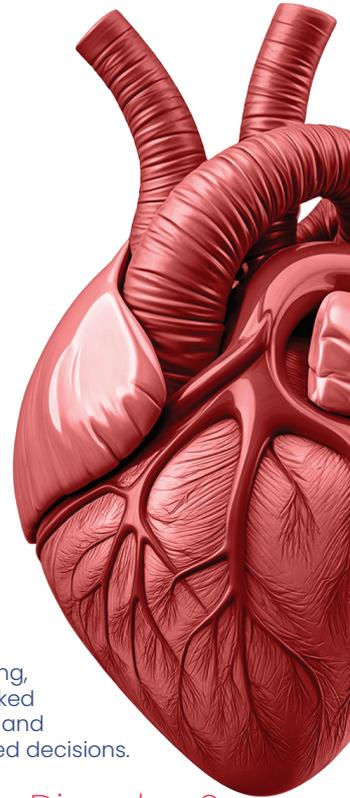
3. Protect Your Family's Future

If you carry a genetic marker for heart disease, your loved ones could be at risk too. Early testing enables informed decisions.



4. Every Beat Counts, Stay One Step Ahead

A simple genetic test today can help prevent serious heart conditions in the future.



Genes Analyzed in the Cardiovascular Genetic Test

Our Advanced Cardiovascular Disorders Risk Panel analyzes 174 genes associated with various cardiovascular genetic disorders. Key conditions and the associated gene mutations include:



- **Cardiomyopathies** – MYH7, MYBPC3, TNNT2, TNNI3, ACTC1
- **Arrhythmias** – KCNQ1, KCNH2, SCN5A, RYR2, CACNA1C
- **Aneurysms & Aortopathies** – FBN1, TGFBR1, TGFBR2, SMAD3, ACTA2
- **Lipid Disorders** – LDLR, APOB, PCSK9, LPL

Our panel offers a comprehensive cardiovascular disease risk assessment, tailored to provide precise genetic insights.

How the Test Works



Turnaround Time



7-10 business days

Fast, accurate, and actionable insights to aid clinical decision-making.

Key Benefits

- ✓ **Early Detection and Prevention** – Identifies genetic risk factors for heart attacks and other conditions before symptoms appear.
- ✓ **Personalized Treatment Plans** – Enables precision medicine for cardiovascular health, guiding physicians in selecting the most effective treatments.
- ✓ **Family Risk Assessment** – If you have a family history of heart disease, genetic screening for cardiovascular risk can help relatives understand their potential risks.
- ✓ **Accurate and Comprehensive Analysis** – Utilizes advanced sequencing technology to identify DNA markers for heart health with precision.
- ✓ **Guidance for Lifestyle Modifications** – Provides actionable recommendations for diet, exercise, and preventive care based on genetic findings.

Who Should Consider This Test?

- Individuals with a family history of heart disease, sudden cardiac arrest, or arrhythmias.
- Patients with unexplained cardiomyopathy, irregular heart rhythms, or lipid disorders.
- Physicians seeking genetic counseling for heart conditions to guide personalized cardiovascular treatment.

