− Cardiovascular Health

The circulatory system, also known as the cardiovascular system (CVS), is a vast network of organs and vessels that are responsible for the flow of blood, nutrients, oxygen, other gases, and hormones ... See more

Genetic Information

Genetic tests are tests on blood and other tissue to find genetic disorders. These include

- Finding genetic diseases in unborn babies
- Finding out if people carry a gene for a disease ... See more

− APOE GENOTYPE 3/3

Range: See Comments

APOE GENOTYPE

The test for ApoE is may be used in combination with other lipid tests that evaluate risk for CVD, such as cholesterol levels and lipoprotein electrophoresis. It may be used to check for and help to diagnose ... See more

− COMMENTS See Below

Range: See Comments

COMMENTS

Result Comments

Apo E3 Carrier. Most common (normal) genotype. See Guidance Statements.

− GUIDANCE STATE... See Below

Range: See Comments

GUIDANCE STATEMENTS

Result Comments

Indication for testing: Aid in the assessment of cardiovascular disease risk.

Interpretation: This patient has the ApoE genotype of E3/E3, the most common (normal) genotype. The E3/E3 genotype is associated with slightly lower LDL-C levels and lower risk of coronary heart disease (CHD) compared to individuals who carry the E4 allele.

− REVIEWER See Below

Range: See Comments

REVIEWER

Result Comments

Laboratory testing supervised and results monitored by

GENERAL GUIDA... See Below

Range: See Comments

GENERAL GUIDANCE

Result Comments

1. Non genetic factors contribute to coronary heart disease (CHD), cardiovascular disease (CVD), or myocardial infarction (MI) risk. Examples of such factors include smoking, hypertension, age, diabetes, elevated blood lipid levels, obesity and sedentary lifestyle.

2. Other genetic factors (e.g. family history of heart disease) may contribute to CHD, CVD, or MI risk.

3. These genetic test results should be considered in context of other clinical criteria by a qualified physician. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions.

4. Genetic consultation for this individual may be helpful in understanding the genetic implications of these test results and management options.

METHOD See Below

Range: See Comments

METHOD

Result Comments

Real-Time Polymerase Chain Reaction (PCR). Analytic sensitivity and specificity of the genetic assays using this platform exceed 99.9%.

LIMITATIONS See Below

Range: See Comments

LIMITATIONS

Result Comments

Although rare, false positive or false negative results may occur. All results should be interpreted in context of clinical findings, relevant history, and other laboratory data.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.