CVD Panel

Real-Time PCR IVDs for the detection of common and rare mutations involved in thrombotic disorders risk

CARDIOVASCULAR DISEASES

Cardiovascular diseases (CVDs) are a group of disorders affecting the heart and blood vessels and include coronary heart disease (CHD), cerebrovascular disease, peripheral arterial disease, rheumatic heart disease, congenital heart disease, deep vein thrombosis and pulmonary embolism.
CVDs often result from a complex interaction of genetic predisposition and lifestyle factors. Several genetic and environmental factors have been shown to play a significant role in the progression of CVDs. Moreover, there is a close relation between CVD and obesity, dyslipidaemia, oxidative stress, inflammation and hypertension as well as female hormone use, sedentary lifestyles, cancer and it has been demonstrated that genetic polymorphisms have a correlation with an individual's susceptibility to developing CVDs.

Genetic testing can aid in identifying these variations, guiding appropriate prophylactic measures to mitigate CVD risks effectively.

COAGULATION FACTORS

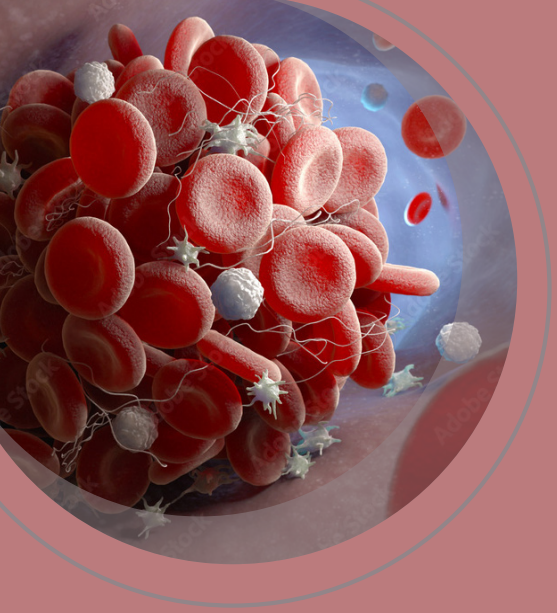
Coagulation factors are involved in a finely tuned series of events (the coagulation cascade) that ultimately lead to the formation of a clot.
Thus, a defect in one of these components may lead to a coagulation disorder with different phenotype severity as a function of the residual levels of the affected protein.

Clonit's CVD Panel Real-Time PCR kits enable the detection and allelic discrimination of genetic polymorphisms associated with inherited susceptibility to thrombosis. They provide genotype information that helps evaluate the genetic background of the current clinical condition and estimate the probability of disease development.

Deaths from cardiovascular disease (CVD) jumped globally to 20.5 million in 2021

CVD was the leading cause of death worldwide in 2021

Detecting CVD early is crucial for timely management with counseling and medications



CVD Panel

Detection and allelic discrimination of genetic polymorphisms associated with inherited susceptibility to thrombosis

KEY FEATURES

- **Based on Allelic discrimination**
- **Starting samples: peripheral whole blood collected in EDTA**
- **Wild type and mutated controls included**
- **Easy workflow validated with Applied Biosystems 7500 Fast (ThermoFisher SCIENTIFIC), Rotor-Gene Q MDx (RG-Q MDx - QIAGEN), CFX96 Real-Time PCR Detection System (Bio-Rad)**
- **Walk-away protocol validated with QIAsymphony®AS (Qiagen)**
- **Most of the CVD Panel kits share the same thermal profile**
- **CE-IVD**

INFORMATION FOR ORDERS

DESCRIPTION	REF.	REGULATORY	TESTS
Duplica[RealTime] Mix & Match Factor II G20210A Kit	EER037032 EER037032QS*	CE-IVD	32
Duplica[RealTime] Factor V R306T Cambridge Genotyping Kit	EER024032	CE-IVD	32
Duplica[RealTime] Mix & Match Factor V G1691A Kit (Leiden)	EER038032 EER038032QS*	CE-IVD	32
Duplica[RealTime] Next Factor V H1299R Kit	EER041032	CE-IVD	32
Duplica[RealTime] Next Factor V Y1702C Genotyping Kit	EER047032	CE-IVD	32
Duplica[RealTime] Factor XIII V34L Genotyping Kit	EER022032	CE-IVD	32
Duplica[RealTime] Mix & Match MTHFR C677T Kit	EER039032 EER039032QS*	CE-IVD	32
Duplica[RealTime] Mix & Match MTHFR A1298C Kit	EER040032 EER040032QS*	CE-IVD	32
Duplica[RealTime] Mix & Match MTRR A66G Kit	EER042032	CE-IVD	32
Duplica[RealTime] Mix & Match MTR A2756G Kit	EER043032	CE-IVD	32
Duplica[RealTime] Mix & Match PAI-1 Genotyping Kit	EER053032 EER053032QS*	CE-IVD	32
Duplica[RealTime] HPA-1 a/b Genotyping Kit	EER048050 EER048032QS*	CE-IVD	50 / 32
Duplica[RealTime] β-Fibrinogen 455G>A Genotyping Kit	EER049050 EER04903QS*	CE-IVD	50 / 32

*Available for QIAsymphony®SP/AS (Qiagen)

Clonit
MOLECULAR DIAGNOSTICS
AGILITY IS OUR DNA

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CE IVD

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