Devyser Thrombophilia

The Devyser Thrombophilia assay offers a very simple procedure for testing six relevant mutations implicated in the risk of developing thrombophilia and venous thromboembolism.

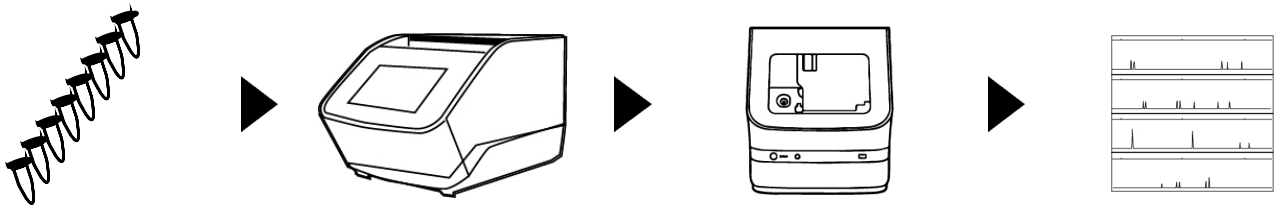
The kit offers a very simple procedure for testing the most relevant mutations implicated in the risk of developing thrombophilia and venous thromboembolism (VTE).

One single mix for testing of six relevant risk factors for thrombophilia
Devyser Thrombophilia allows the detection of six genetic risk factors: Factor V Leiden, Factor V R2, Prothrombin/Factor II, MTHFR C677T, MTHFR A1298C and Plasminogen Activator Inhibitor 1 PAI-1/ SERPINE1.

Single-tube PCR
Devyser Thrombophilia relies on a single-tube PCR which minimizes hands-on time, analysis time and the risk of sample mix up.

CE-IVD validated workflow
Standardised and validated routine workflow according to the European Regulations and guidelines.

Simple QF-PCR workflow



Sample preparation
Low amount of genomic DNA required

PCR amplification
Multiplex PCR using primers designed to amplify the DNA sequences specific to each chromosome of interest

Capillary electrophoresis
Analyze size of amplified DNA fragments on a Genetic Analyzer

Data interpretation
Separate and identify DNA fragments based on size and color

Read more about the product:
devyser.com/products/devyser-thrombophilia

Dvysr®

Key features and benefits of Devyser Thrombophilia

- Identify genetic basis of thrombotic event
- Aid in therapy selection
- Treatment optimisation
- Determine need for prophylaxis
- Estimate future thrombotic risk

Detection of the following SNPs and their corresponding normal alleles

- Factor V Leiden: G1691A/R506Q
- Factor V R2: H1299R
- Prothrombin/Factor II: G20210A
- 5,10-Methylenetetrahydrofolate Reductase (MTHFR): C677T
- MTHFR: A1298C
- Plasminogen Activator Inhibitor 1: (PAI-1/ SERPINE1) 4G/5G

Genetic risk factors for Thrombophilia

The predisposition to form blood clots can arise from mutations, acquired changes in the clotting mechanism or, more commonly, an interaction between genetic and acquired factors. The risk of thrombosis increases with the number of genetic and acquired risk factors present so that individuals with multiple risk factors are at greater risk than those with just a few.

Article numbers

- Devyser Thrombophilia CE-IVD kit
  48 tests (8-A035)
- Devyser Thrombophilia RUO kit
  48 tests (8-A035-RUO)

Accessories

- 560 SIZER ORANGE
  8-A402
- Devyser DEV-5 Dye-set
  8-A401 (MultiCap)
  8-A400 (SingleCap)

CE-IVD is available in the EU and countries outside EU accepting the CE-IVD certification. Available as RUO in all other countries.

www.devyser.com

Dvysr®

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