

CE-IVD

## Genetic diagnostic of thrombotic mutations

Broad range of reliable and simple PCR-based testing to help detect the most prevalent thrombotic mutations

The CE-marked Applied Biosystems™ TaqPath™ Menu thrombotic mutations portfolio is a comprehensive and reliable collection of genetic diagnostic kits for the detection of thrombotic mutations. These PCR-based kits enable

laboratories to efficiently process samples and identify genetic mutations that cause abnormal blood clotting, allowing timely delivery of accurate results to help diagnose an abnormal blood clotting event.

Rely on a comprehensive portfolio of PCR tests for six parameters to help meet your lab's clinical testing needs



### Targets

- Factor II prothrombin, factor V Leiden, methylenetetrahydrofolate reductase (MTHFR) C677T, MTHFR A1298C, factor XIII V34L, and plasminogen activator inhibitor 1 (PAI-1) genotyping



### Easy-to-use concept

- Single tube ready-to-use Master Mix contains all components for PCR amplification
- No additional pipetting of PCR reagents is necessary



### Contamination reduction

- Master Mix contains uracil-DNA glycosylase (UNG) and dUTPs reducing carryover contamination



### Simple laboratory workflow

- Each PCR kit in the TaqPath Menu thrombotic mutations portfolio is easily combinable with the other kits in the portfolio in one workflow



### Compatible with a wide range of real-time PCR devices

## Product details

Qualitative real-time PCR kits for genetic diagnostics of thrombotic mutations	
Technology	Qualitative real-time polymerase chain reaction (qPCR)
Target sequences	G20210A polymorphism in the gene for factor II prothrombin G1691A polymorphism in the gene for factor V Leiden C677T polymorphism in the gene for methylenetetrahydrofolate reductase (MTHFR) A1298C polymorphism in the gene for methylenetetrahydrofolate reductase (MTHFR) G103T polymorphism in the gene F13A1 (V34L) for coagulation factor XIII Polymorphism at site 675 in the promoter of the SERPINE1 gene for the PAI-1
Sample type	Whole blood (EDTA)
Validated extraction method	Refer to the Instructions for Use (IFU)
Instruments	Applied Biosystems™ QuantStudio™ 3 and QuantStudio™ 5 Real-Time PCR Systems Applied Biosystems™ 7300 and 7500 Real-Time PCR Systems Refer to the IFU for all validated instruments
External quality assessment	External quality assessment (EQA) varies kit to kit. For specific EQA, refer to the IFU.

### Ordering information for the thrombotic mutations portfolio of Applied Biosystems™ TaqPath™ Menu | GeneProof™ PCR kits

Description	Quantity	Cat. No.
TaqPath Menu   GeneProof Factor II Prothrombin PCR Kit	100 reactions	A58420
TaqPath Menu   GeneProof Factor V Leiden PCR Kit	100 reactions	A58421
TaqPath Menu   GeneProof Factor XIII V34L PCR Kit	100 reactions	A58422
TaqPath Menu   GeneProof PAI-1 Genotyping PCR Kit	100 reactions	A58423
TaqPath Menu   GeneProof MTHFR C677T PCR Kit	100 reactions	A58424
TaqPath Menu   GeneProof MTHFR A1298C PCR Kit	100 reactions	A58425



Learn more at  
[thermofisher.com/thrombosis-taqpath-menu](https://thermofisher.com/thrombosis-taqpath-menu)

applied biosystems

**For In Vitro Diagnostic Use. Intended use and regulatory statements of products vary. For specific intended use and regulatory statements, please refer to the Instructions for Use (IFU). Product availability by country varies. For product availability in your country, check the associated product webpages. TaqPath Menu | GeneProof assays are manufactured by GeneProof and distributed by Thermo Fisher Scientific. © 2023 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. GeneProof is the property of GeneProof. COL26722 0723**