



GeneProof

Thrombotic mutations



GeneProof Factor II Prothrombin PCR Kit

GeneProof Factor V Leiden PCR Kit

GeneProof Factor XIII V34L PCR Kit

GeneProof MTHFR C677T PCR Kit

GeneProof MTHFR A1298C PCR Kit

GeneProof PAI-1 Genotyping PCR Kit

SINGLE TUBE READY-TO-USE MASTER MIX

- Contains all components for PCR amplification
- Reduces the need of qualified laboratory staff
- Enables quick and reliable results

UNIVERSAL PCR PROFILE

- Uniform reaction format
- All PCR Kits from the group Thrombotic Mutations are easily combinable with each other
- Simplifies laboratory workflow



COMPATIBLE WITH A WIDE
RANGE OF REAL-TIME PCR
DEVICES



CERTIFIED
DIAGNOSTIC TEST



Thrombotic mutations

+ GeneProof Factor II Prothrombin PCR Kit
+ GeneProof Factor V Leiden PCR Kit

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+ GeneProof MTHFR A1298C PCR Kit
+ GeneProof PAI-1 Genotyping PCR Kit

TECHNOLOGY	real-time PCR
TYPE OF ANALYSIS	qualitative
TARGET SEQUENCE	G20210A polymorphism of factor II prothrombin G1691A polymorphism of factor V Leiden G103T Polymorphism of the <i>F13A1</i> gene (V34L) C677T mutation in the gene for methylenetetrahydrofolate reductase (MTHFR) A1298C mutation in the gene for methylenetetrahydrofolate reductase (MTHFR) polymorphism in promoter of the <i>PAI-1</i> gene in site 675
DIAGNOSTIC SPECIFICITY	100%
DIAGNOSTIC SENSITIVITY	100%
VALIDATED SPECIMEN	whole blood
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHODS	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit
INSTRUMENTS	croBEE Real-Time PCR System* Applied Biosystems 7500 Real-Time PCR System AriaMx Real-Time PCR System LightCycler [®] 2.0 / 480 CFX Connect [™] / CFX96 [™] / Dx Real-Time PCR Detection System LineGene 9600 Plus Rotor-Gene 3000/6000/Q SLAN [®] Real-Time PCR System QuantStudio [™] 3 / 5 Real-Time PCR System StepOne [™] / StepOnePlus [™] Real-Time PCR System Mic qPCR Cyclers
REQUIRED DETECTION CHANNELS	FAM, HEX
EXTERNAL QUALITY ASSESSEMENT	regularly tested by Instand e.V. External Quality Assessment panels – results at www.geneproof.com
REGULATORY STATUS	CE IVD

* Validated instruments

PRODUCT NAME	TECHNOLOGY	ORDER NO.	
		50 REACTIONS	100 REACTIONS
GeneProof Factor II Prothrombin PCR Kit	real-time PCR	FII/050	FII/100
GeneProof Factor V Leiden PCR Kit	real-time PCR	FV/050	FV/100
GeneProof Factor XIII V34L PCR Kit	real-time PCR	FXIII/050	FXIII/100
GeneProof MTHFR C677T PCR Kit	real-time PCR	M677/050	M677/100
GeneProof MTHFR A1298C PCR Kit	real-time PCR	M1298/050	M1298/100
GeneProof PAI-1 Genotyping PCR Kit	real-time PCR	PAI/050	PAI/100