



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

EASY-TO-USE CONCEPT

- Single tube Ready-to-Use Master Mix contains all components for PCR amplification
- No additional PCR reagents pipetting necessary

SIMPLE LABORATORY WORKFLOW

- All PCR Kits from the panel Thrombotic Mutations are easily combinable with each other in one workflow
- Simplifies laboratory workflow



COMPATIBLE WITH A WIDE
RANGE OF REAL-TIME PCR
DEVICES



CERTIFIED
DIAGNOSTIC TEST

www.geneproof.com

GUARANTEED CONTROL OVER THE COMPLETE PROCESS
OF DEVELOPMENT, MANUFACTURING AND DISTRIBUTION
OF ALL THE OFFERED GENEPROOF PRODUCTS



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

INDICATION	<i>in vitro</i> diagnostic medical device
REGULATORY STATUS	CE IVD
INTENDED USER	For professional use in laboratories with trained staff
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 F13A1 gene (V34L) C677T Polymorphism in the gene for methylenetetrahydrofolate reductase (MTHFR) A1298C Polymorphism in the gene for methylenetetrahydrofolate reductase (MTHFR) Polymorphism in promoter of the PAI-1 gene in site 675
NEGATIVE PERCENTAGE AGREEMENT	100%
POSITIVE PERCENTAGE AGREEMENT	100%
OVERALL PERCENTAGE AGREEMENT	100%
VALIDATED SPECIMEN	Whole blood
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHODS	croBEE 201A Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit
INSTRUMENTS*	croBEE Real-Time PCR System Applied Biosystems 7300 / 7500 Real-Time PCR System AMPLilab Real-Time PCR System AriaMx Real-Time PCR System CFX Connect™ / CFX96™ / Dx Real-Time PCR Detection System Gentier 96E/96R Real-Time PCR System LightCycler® 480 LineGene 9600 Plus Mic qPCR Cyclers Rotor-Gene 3000 / 6000 / Q
REQUIRED DETECTION CHANNELS	FAM, HEX/JOE
EXTERNAL QUALITY ASSESSMENT	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels - results at www.geneproof.com

* varies according the test type, more at www.geneproof.com

PRODUCT NAME	ORDER NO.	
	25 REACTIONS	100 REACTIONS
GeneProof Factor II Prothrombin PCR Kit	FII/025	FII/100
GeneProof Factor V Leiden PCR Kit	FV/025	FV/100
GeneProof Factor XIII V34L PCR Kit	FXIII/025	FXIII/100
GeneProof MTHFR C677T PCR Kit	M677/025	M677/100
GeneProof MTHFR A1298C PCR Kit	M1298/025	M1298/100
GeneProof PAI-1 Genotyping PCR Kit	PAI1/025	PAI1/100