

## THROMBOSIS AND HAEMOSTASIS AND CARDIOVASCULAR RISK (Real-Time qPCR)

FV LEIDEN G1691A polymorphism	CE IVD	GEN-001-25 Tests 25, rxns 31	GEN-001-50 Tests 50, rxns 62
FII PROTHROMBIN G20210A polymorphism	CE IVD	GEN-002-25 Tests 25, rxns 31	GEN-002-50 Tests 50, rxns 62
MTHFR C677T polymorphism	CE IVD	GEN-003-25 Tests 25, rxns 31	GEN-003-50 Tests 50, rxns 62
MTHFR A1298C polymorphism	CE IVD	GEN-004-25 Tests 25, rxns 31	GEN-004-50 Tests 50, rxns 62
PAI-1 -675 4G/5G polymorphism	CE IVD	GEN-005-25 Tests 25, rxns 31 x 2	GEN-005-50 Tests 50, rxns 62 x 2
FGB -455 G>A polymorphism	CE IVD	GEN-006-25 Tests 25, rxns 31	GEN-006-50 Tests 50, rxns 62
GP1IIa (ITGB3) T1565C polymorphism	CE IVD	GEN-007-25 Tests 25, rxns 31	GEN-007-50 Tests 50, rxns 62
AGT (M235T) T9543C polymorphism	CE IVD	GEN-010-25 Tests 25, rxns 31	GEN-010-50 Tests 50, rxns 62
AGTR1 A1166C polymorphism	CE IVD	GEN-011-25 Tests 25, rxns 31	GEN-011-50 Tests 50, rxns 62
FXIII (VAL34LEU) G103T polymorphism	CE IVD	GEN-012-25 Tests 25, rxns 31	GEN-012-50 Tests 50, rxns 62
CBS (CYSTATHIONINE-β- SYNTHASE) 844ins68 polymorphism	CE IVD	GEN-014-25 Tests 25, rxns 31	GEN-014-50 Tests 50, rxns 62
FV H1299R polymorphism	CE IVD	GEN-015-25 Tests 25, rxns 31 x 2	GEN-015-50 Tests 50, rxns 62 x 2
APO B-100 G10580A (R3500Q) mutation	CE IVD	GEN-016-25 Tests 25, rxns 31	GEN-016-50 Tests 50, rxns 62
MTRR A66G polymorphism	CE IVD	GEN-027-25 Tests 25, rxns 31	GEN-027-50 Tests 50, rxns 62
ACE I/D (ANGIOTENSIN-CONVERTING ENZYME INS/DEL) polymorphism	CE IVD	GEN-035-25 Tests 25, rxns 31	GEN-035-50 Tests 50, rxns 62
MTR A2756G polymorphism	CE IVD	GEN-036-25 Tests 25, rxns 31	GEN-036-50 Tests 50, rxns 62
FV Y1702C (A5279G) polymorphism	CE IVD	GEN-037-25 Tests 25, rxns 31	GEN-037-50 Tests 50, rxns 62
FVII R353Q polymorphism	CE IVD	GEN-038-25 Tests 25, rxns 31	GEN-038-50 Tests 50, rxns 62

## ALZHEIMER'S DISEASE (Real-Time qPCR)

APO-E T3932C (CYS112ARG) polymorphism	CE IVD	GEN-008-25 Tests 25, rxns 31	GEN-008-50 Tests 50, rxns 62
APO-E C4070T (ARG158CYS) polymorphism	CE IVD	GEN-009-25 Tests 25, rxns 31	GEN-009-50 Tests 50, rxns 62

## HEMOCHROMATOSIS (Real-Time qPCR)

HFE C282Y mutation (HAEMOCHROMATOSIS)	CE IVD	GEN-017-25 Tests 25, rxns 31	GEN-017-50 Tests 50, rxns 62
HFE H63D mutation (HAEMOCHROMATOSIS)	CE IVD	GEN-018-25 Tests 25, rxns 31	GEN-018-50 Tests 50, rxns 62
HFE S65C mutation (HAEMOCHROMATOSIS)	CE IVD	GEN-019-25 Tests 25, rxns 31	GEN-019-50 Tests 50, rxns 62

## REPRODUCTION GENETICS (Real-Time qPCR)

FSHR T307A (A919G) polymorphism (FSH RECEPTOR)	CE IVD	GEN-020-25 Tests 25, rxns 31	
FSHR N680S (A2039G) polymorphism (FSH RECEPTOR)	CE IVD	GEN-021-25 Tests 25, rxns 31	
ESR2 *39 A/G (A1730G) polymorphism (ESTROGENS RECEPTOR)	CE IVD	GEN-022-25 Tests 25, rxns 31	
ESR1 -397 T>C polymorphism (ESTROGENS RECEPTOR)	CE IVD	GEN-023-25 Tests 25, rxns 31	
LHCGR N312S (G935A) polymorphism	RUO	GEN-026-25 Tests 25, rxns 31	GEN-026-50 Tests 50, rxns 62

## NUTRIGENETICS (Real-Time qPCR)

LCT polymorphisms (LACTOSE INTOLERANCE)	CE IVD	GEN-024-25 Tests 25, rxns 31 x 2	GEN-024-50 Tests 50, rxns 62 x 2
ADRB2 (rs1042713, rs1042714) and ADRB3 (rs4994) genetic variants (METABOLIC SYNDROME)	RUO	GEN-042-25 Tests 25, rxns 31 x 3	
CYP1A2 (rs762551) genetic variant (CAFFEINE METABOLISM)	RUO	GEN-043-25 Tests 25, rxns 31	
CETP (rs9939224) and APO-A2 (rs5082) genetic variants	RUO	GEN-045-25 Tests 25, rxns 31 x 2	
ACTN3 (rs1815739) and PPARG1α (rs8192678) genetic variants	RUO	GEN-046-25 Tests 25, rxns 31 x 2	
IGF1 (rs35767) and IGF2 (rs680) genetic variants	RUO	GEN-047-25 Tests 25, rxns 31 x 2	
SUPEROXIDE DISMUTASE 2 (rs4880) genetic variant	RUO	GEN-048-25 Tests 25, rxns 31	
VITAMIN-D RECEPTOR (rs2228570) (rs1544410) (rs731236) (rs7975232) genetic variants	RUO	GEN-049-25 Tests 25, rxns 31 x 4	
TCF7L2 (rs7903146) genetic variant (TYPE II DIABETES RISK)	RUO	GEN-050-25 Tests 25, rxns 31	
ADH1B (rs1229984) and ADH1C (rs1693482) genetic variants (ALCOHOL METABOLISM)	RUO	GEN-051-25 Tests 25, rxns 31 x 2	
2282del4 mutation in the FILAGGRIN gene	RUO	GEN-052-25 Tests 25, rxns 31	
Genetic variants (rs738409, rs58542926, rs641738) IN NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD)	RUO	GEN-054-25 Tests 25, rxns 31 x 3	GEN-054-50 Tests 50, rxns 62 x 3
ALDH2 (rs671) genetic variant (ALCOHOL METABOLISM)	RUO	GEN-056-25 Tests 25, rxns 31	

## GENETICS (Real-Time qPCR)

COMT G742A (rs4680) genetic variant	RUO	GEN-044-25 Tests 25, rxns 31	
ALPHA 1 ANTITRYPSIN (rs17580, rs28929474) genetic variants	RUO	GEN-053-25 Tests 25, rxns 31 x 2	

NAT2 (rs1208, rs1801279, rs1801280, rs1799930, rs1799931) genetic variants (N-ACETYLTRANSFERASE 2)	RUO	GEN-055-25 Tests 25, rxns 31 x 5	GEN-055-50 Tests 50, rxns 62 x 5
<b>SEXUALLY TRANSMITTED DISEASES (STDs) (Real-Time qPCR)</b>			
SEXUALLY TRANSMITTED DISEASES (STDs) qualitative detect. (Mycoplasma hominis, Ureaplasma parvum and urealyticum, Gardnerella vaginalis, Neisseria gonorrhoea, Trichomonas vaginalis, Mycoplasma genitalium)	CE IVD	INFET-006-25 Tests 25, rxns 31 x 2	
<b>PHARMACOGENETICS (Real-Time qPCR)</b>			
DPYD enzyme genetic variants (DIHYDROPYRIMIDINE DEHYDROGENASE) (*2A, *13, Asp949Val, 1236 G>A, HapB3 and 2194 G>A, *6)	CE IVD	FGC-010-25 Tests 25, rxns 31 x 5	FGC-010-50 Tests 50, rxns 62 x 5
UGT1A1*1 and UGT1A1*28 genetic variants	CE IVD	FGC-002-25 Tests 25, rxns 31	
ABCB1 (MDR1) C1236T genetic variant	CE IVD	FGC-003-25 Tests 25, rxns 31	
GSTP1 A313G (I105V) genetic variant	CE IVD	FGC-004-25 Tests 25, rxns 31	
CYP2C9 CYTOCHROME P450 enzyme genetic variants (*2 and*3)	CE IVD	FGC-005-25 Tests 25, rxns 31 x 2	
SLCO1B1 genetic variants (rs4149056, rs2306283, rs4149015)	CE IVD	FGC-007-25 Tests 25, rxns 31 x 3	
ABCB1 (MDR1) C3435T genetic variant	CE IVD	FGC-008-25 Tests 25, rxns 31	
ABCB1 (MDR1) G2677T/A genetic variant	CE IVD	FGC-009-25 Tests 25, rxns 31 x 2	
XRCC1 ARG399GLN genetic variant	CE IVD	FGC-011-25 Tests 25, rxns 31	
ERCC1 197 G>T and 19007 T>C genetic variants	CE IVD	FGC-012-25 Tests 25, rxns 31 x 2	
DPYD enzyme c.1129-5923 G>C genetic variant	RUO	FGC-013-25 Tests 25, rxns 31	
UGT1A1 *6 genetic variant	RUO	FGC-014-25 Tests 25, rxns 31	
CYP3A4 *22 genetic variant	RUO	FGC-017-25 Tests 25, rxns 31	
CYP2D6 *3 and *4 genetic variants	RUO	FGC-018-25 Tests 25, rxns 31 x 2	
CYP2C19 *2, *3 and *17 genetic variants	RUO	FGC-019-25 Tests 25, rxns 31 x 3	
VKORC1 1639 G>A genetic variant	RUO	FGC-020-25 Tests 25, rxns 31	
<b>INFLAMMATION (Real-Time qPCR)</b>			
COX-2 -765 G>C genetic variant	RUO	INF-001-25 Tests 25, rxns 31	
IL-10 (rs1800896, rs1800872, rs1800871) genetic variants	RUO	INF-002-25 Tests 25, rxns 31 x 3	
IL-1 (rs1800587, rs1143634, rs419598) genetic variants	RUO	INF-003-25 Tests 25, rxns 31 x 3	
TNF- $\alpha$ -G308A genetic variant	RUO	INF-004-25 Tests 25, rxns 31	
UBA1 (c121 A>G; c121 A>C; c122 T>C) genetic variants (VEXAS SYNDROME)	RUO	INF-005-25 Tests 25, rxns 31 x 3	
<b>ONCOHEMATOLOGY (Real-Time qPCR)</b>			
MGMT promoter methylation (O <sup>6</sup> -METHYLGUANINE DNA METHYLTRANSFERASE)	CE IVD	ONC-001-25 Tests 25, rxns 31 x 2	
BCR-ABL1 t (9;22) ONE-STEP RT-PCR (P210, P190, P230) qualitative detect.	CE IVD	ONC-010-25 Tests 25, rxns 31 x 3	
JAK2 (JANUS KINASE 2) V617F mutation qualitative detect.	CE IVD	ONC-011-25 Tests 25, rxns 31	ONC-011-50 Tests 50, rxns 62
JAK2 (JANUS KINASE 2) V617F mutation quantitative detect.	CE IVD	ONC-012-25 Tests 25, rxns 38	ONC-012-50 Tests 50, rxns 76
MPL W515L/K mutation (MYELOPROLIFERATIVE LEUKEMIA VIRUS ONCOGENE)	CE IVD	ONC-013-25 Tests 25, rxns 31 x 2	ONC-013-50 Tests 50, rxns 62 x 2
CALR EXON 9 mutation Type I ((DEL 52bp) and Type II (INS 5bp) (CHAPERONE CALRETICULIN)	CE IVD	ONC-014-25 Tests 25, rxns 31 x 2	ONC-014-50 Tests 50, rxns 62 x 2
BCR-ABL1 t (9; 22) ONE-STEP RT-PCR, p210 (M-BCR) quantitative detect.	CE IVD	ONC-015-25 Tests 25, rxns 50	
BCR-ABL1 t (9;22), p190/p230 (mBCR and $\mu$ BCR) quantitative detect.	CE IVD	ONC-016-25 Tests 25, rxns 50 x 2	
MYD88 L265P (T>C) mutation	RUO	ONC-017-25 Tests 25, rxns 31	
BRAF (T1799A) V600E mutation	CE IVD	ONC-021-25 Tests 25, rxns 31	
PRUNE-1 and RPP-30 copies number detect. (CNV)	RUO	ONC-022-100 Tests 100, rxns 124	
PML-RAR $\alpha$ t (15; 17) (q22; q21) ONE-STEP RT-PCR (bcr1, bcr2, bcr3) qualitative detect.	CE IVD	ONC-030-25 Tests 25, rxns 31 x 3	
AML1-ETO t (8; 21) (Q22; Q22) ONE-STEP RT-PCR qualitative detect.	CE IVD	ONC-031-25 Tests 25, rxns 31	
CBFB-MYH11 INV (16) (p13q22) ONE-STEP RT-PCR qualitative detect.	CE IVD	ONC-032-25 Tests 25, rxns 31 x 3	
<b>HLA (Real-Time qPCR)</b>			
HLA-G 14 bp Ins/Del polymorphism	CE IVD	HLA-001-25 Tests 25, rxns 31	HLA-001-50 Tests 50, rxns 62
HLA-G 5' UTR-725 C/G polymorphism	RUO	HLA-002-25 Tests 25, rxns 31	
<b>REPRODUCTION (PCR END-POINT/Detection on Agarose Gel)</b>			
Y CHROMOSOME microdeletions (AZFa, AZFb, AZFbc, AZFc)	CE IVD	GR-011-25-AG Tests 25, rxns 31x2	
<b>NUCLEIC ACIDS AUTOMATIC EXTRACTION</b>			
VIRAL DNA/RNA EXTRACTION KIT with magnetic beads	CE IVD	EXT-001-32 Rxns 32 (strip monotest)	EXT-002-32 Rxns 32 (2 plates of 16 tests)
GENOMIC DNA EXTRACTION KIT with magnetic beads	CE IVD	EXT-011-32 Rxns 32 (strip monotest)	EXT-012-32 Rxns 32 (2 plates of 16 tests)
TOTAL RNA EXTRACTION KIT with magnetic beads	CE IVD	EXT-013-32 Rxns 32 (strip monotest)	EXT-014-32 Rxns 32 (2 plates of 16 tests)

