

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

FV LEIDEN G1691A POLYMORPHISM	CE IVD	GEN-001-25 Test 25, rxns 31	GEN-001-50 Test 50, rxns 62
FII PROTHROMBIN G20210A POLYMORPHISM	CE IVD	GEN-002-25 Test 25, rxns 31	GEN-002-50 Test 50, rxns 62
MTHFR C677T POLYMORPHISM	CE IVD	GEN-003-25 Test 25, rxns 31	GEN-003-50 Test 50, rxns 62
MTHFR A1298C POLYMORPHISM	CE IVD	GEN-004-25 Test 25, rxns 31	GEN-004-50 Test 50, rxns 62
PAI-1 4G/5G POLYMORPHISM	CE IVD	GEN-005-25 Test 25, rxns 31x2	GEN-005-50 Test 50, rxns 62x2
FIBRINOGEN -455 G>A POLYMORPHISM	CE IVD	GEN-006-25 Test 25, rxns 31	GEN-006-50 Test 50, rxns 62
GPIIIa (ITGB3) T1565C POLYMORPHISM	CE IVD	GEN-007-25 Test 25, rxns 31	GEN-007-50 Test 50, rxns 62
AGT (M235T) T9543C POLYMORPHISM (ANGIOTENSINOGEN)	CE IVD	GEN-010-25 Test 25, rxns 31	GEN-010-50 Test 50, rxns 62
AGTR1 A1166C POLYMORPHISM	CE IVD	GEN-011-25 Test 25, rxns 31	GEN-011-50 Test 50, rxns 62
FXIII G103T POLYMORPHISM	CE IVD	GEN-012-25 Test 25, rxns 31	GEN-012-50 Test 50, rxns 62
CBS 844ins68 POLYMORPHISM (CYSTATHIONINE β- SYNTHETASE)	CE IVD	GEN-014-25 Test 25, rxns 31	GEN-014-50 Test 50, rxns 62
FV H1299R POLYMORPHISM	CE IVD	GEN-015-25 Test 25, rxns 31x2	GEN-015-50 Test 50, rxns 62x2
APO B-100 G10580A (R3500Q) MUTATION	CE IVD	GEN-016-25 Test 25, rxns 31	GEN-016-50 Test 50, rxns 62
MTRR A66G POLYMORPHISM	CE IVD	GEN-027-25 Test 25, rxns 31	GEN-027-50 Test 50, rxns 62
ACE I/D (Angiotensin-Converting Enzyme INS/DEL) POLYMORPHISM	CE IVD	GEN-035-25 Test 25, rxns 31	GEN-035-50 Test 50, rxns 62
MTR A2756G POLYMORPHISM	CE IVD	GEN-036-25 Test 25, rxns 31	GEN-036-50 Test 50, rxns 62
FV Y1702C (A5279G) POLYMORPHISM	CE IVD	GEN-037-25 Test 25, rxns 31	GEN-037-50 Test 50, rxns 62
FVII R353Q POLYMORPHISM	CE IVD	GEN-038-25 Test 25, rxns 31	GEN-038-50 Test 50, rxns 62

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

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

**HEMOCHROMATOSIS (Real-Time qPCR)**

HFE C282Y MUTATION (HEMOCHROMATOSIS)	CE IVD	GEN-017-25 Test 25, rxns 31	GEN-017-50 Test 50, rxns 62
HFE H63D MUTATION (HEMOCHROMATOSIS)	CE IVD	GEN-018-25 Test 25, rxns 31	GEN-018-50 Test 50, rxns 62
HFE S65C MUTATION (HEMOCHROMATOSIS)	CE IVD	GEN-019-25 Test 25, rxns 31	GEN-019-50 Test 50, rxns 62

**REPRODUCTION GENETICS (Real-Time qPCR)**

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

**NUTRIGENETICS (Real-Time qPCR)**

LCT -13910 C>T and -22018 G>A POLYMORPHISMS (LACTOSE INTOLERANCE)	CE IVD	GEN-024-25 Test 25, rxns 31x2	GEN-024-50 Test 50, rxns 62x2
IL18RAP CLUSTER G/A POLYMORPHISM	CE IVD		GEN-033-50 Test 50, rxns 62
CCR3 C/T POLYMORPHISM	CE IVD		GEN-034-50 Test 50, rxns 62
ADRB2 (rs1042713 and rs1042714) and ADRB3 (rs4994) GENETIC VARIANTS (METABOLIC SYNDROME)	RUO	GEN-042-25 Test 25, rxns 31x3	
CYP1A2 (rs762551) GENETIC VARIANT (CAFFEINE METABOLISM)	RUO	GEN-043-25 Test 25, rxns 31	
CETP (rs9939224) and APO-A2 (rs5082) GENETIC VARIANTS	RUO	GEN-045-25 Test 25, rxns 31x2	
ACTN3 (rs1815739) and PPARG1α (rs8192678) GENETIC VARIANTS (SPORT PERFORMANCE)	RUO	GEN-046-25 Test 25, rxns 31x2	
IGF1 (rs35767) and IGF2 (rs680) GENETIC VARIANTS	RUO	GEN-047-25 Test 25, rxns 31x2	
SUPEROXIDE DISMUTASE 2 (rs4880) GENETIC VARIANT	RUO	GEN-048-25 Test 25, rxns 31	
VITAMIN-D RECEPTOR (rs2228570) (rs1544410) (rs731236) (rs7975232) GENETIC VARIANTS	RUO	GEN-049-25 Test 25, rxns 31x4	
TCF7L2 (rs7903146) GENETIC VARIANT (transcription factor 7-like 2 gene) (Risk of type II Diabetes)	RUO	GEN-050-25 Test 25, rxns 31	
ADH1C (rs698 and rs1693482) and ALDH2 (rs671) GENETIC VARIANTS (ALCOHOL METABOLISM)	RUO	GEN-051-25 Test 25, rxns 31x3	
GENETIC VARIANTS IN NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD)	RUO	GEN-054-25 Test 25, rxns 31x3	



GENETICS (Real-Time qPCR)			
COMT G742A (rs4680) GENETIC VARIANT	RUO	GEN-044-25 Test 25, rxns 31	
GENETIC VARIANTS OF Alpha 1 ANTITRYPSIN GENE	RUO	GEN-053-25 Test 25, rxns 31x 4	
GENETIC VARIANTS NAT2 (N-acetyltransferase 2)	RUO	GEN-055-25 Test 25, rxns 31x 5	
INFECTIOUS DISEASES (Real-Time qPCR)			
SARS-CoV-2 RT-PCR KIT VIRAL 3	CE IVD	INFET-002-100 Test 100, rxns 110	
Subgenomic N (sgN) SARS-CoV-2 ONE-STEP RT-PCR KIT	CE IVD	INFET-004-100 Test 100, rxns 110	
SEXUALLY TRANSMITTED DISEASES (STDs) (Real-Time qPCR)			
SEXUALLY TRANSMITTED DISEASES (STDs) Qualitative determination (Mycoplasma hominis, Ureaplasma parvum and urealyticum, Gardnerella vaginalis, Neisseria gonorrhoea, Trichomonas vaginalis, Mycoplasma genitalium)	CE IVD	INFET-006-25 Test 25, rxns 31x2	
HLA (Real-Time qPCR)			
HLA-G 14 bp Ins/Del POLYMORPHISM	CE IVD	HLA-001-25 Test 25, rxns 31	HLA-001-50 Test 25, rxns 62
5' UTR-725 C/G POLYMORPHISM of the HLA-G gene	RUO	HLA-002-25 Test 25, rxns 31	
REPRODUCTION (PCR END-POINT/Detection on Agarose Gel)			
Y CHROMOSOME MICRODELETIONS (AZFa, AZFb, AZFbc, AZFc)	CE IVD	GR-011-25-AG Test 25, rxns 31x2	
DNA/RNA EXTRACTION			
VIRAL DNA/RNA EXTRACTION KIT with magnetic beads	CE IVD	EXT-001-32 Test 32, rxns 32 (strip monotest)	EXT-002-32 Test 32, rxns 32 (2 plates of 16 tests)
GENOMIC DNA EXTRACTION KIT with magnetic beads	CE IVD	EXT-011-32 Test 32, rxns 32 (strip monotest)	EXT-012-32 Test 32, rxns 32 (2 plates of 16 tests)
TOTAL RNA EXTRACTION KIT with magnetic beads	CE IVD	EXT-013-32 Test 32, rxns 32 (strip monotest)	EXT-014-32 Test 32, rxns 32 (2 plates of 16 tests)
PHARMACOGENETICS (Real-Time qPCR)			
DPYD ENZYME GENETIC VARIANTS (dihydropyrimidine dehydrogenase) (DPYD *2A, *13, ASP949VAL, 1236 G>A, HAPB3 AND 2194 G>A, *6)	CE IVD	FGC-010-25 Test 25, rxns 31x5	FGC-010-50 Test 50, rxns 62x5
UGT1A1*1 AND UGT1A1*28 GENETIC VARIANTS	CE IVD	FGC-002-25 Test 25, rxns 31	
ABCB1 (MDR1) C1236T GENETIC VARIANT	CE IVD	FGC-003-25 Test 25, rxns 31	
GSTP1 A313G (I105V) GENETIC VARIANT	CE IVD	FGC-004-25 Test 25, rxns 31	
CYP2C9 CYTOCHROME P450 ENZYME GENETIC VARIANTS (variants *2 and *3)	CE IVD	FGC-005-25 Test 25, rxns 31x2	
SLCO1B1 GENETIC VARIANTS	CE IVD	FGC-007-25 Test 25, rxns 31x3	
ABCB1 (MDR1) C3435T GENETIC VARIANT	CE IVD	FGC-008-25 Test 25, rxns 31	
ABCB1 (MDR1) G2677T/A GENETIC VARIANT	CE IVD	FGC-009-25 Test 25, rxns 31x2	
XRCC1 ARG399GLN GENETIC VARIANT	CE IVD	FGC-011-25 Test 25, rxns 31	
ERCC1 197 G>T and 19007 T>C GENETIC VARIANTS	CE IVD	FGC-012-25 Test 25, rxns 31x2	
GENETIC VARIANT (c.1129-5923G>C) OF THE ENZYME DIHYDROPYRIMIDINE DEHYDROGENASE (DPYD, rs75017182)	RUO	FGC-013-25 Test 25, rxns 31	
GENETIC VARIANT UGT1A1*6 (rs4148323) (UDP GLUCOSYLTRANSFERASE ENZYME UGTA1)	RUO	FGC-014-25 Test 25, rxns 31	
GENETIC VARIANT *22 OF THE CYP3A4 (rs35599367) GENE	RUO	FGC-017-25 Test 25, rxns 31	
GENETIC VARIANT *3 and *4 OF THE CYP2D6 GENE (rs35742686 and rs3892097)	RUO	FGC-018-25 Test 25, rxns 31x 2	
GENETIC VARIANT *2, *3 and *17 OF THE CYP2C19 GENE	RUO	FGC-019-25 Test 25, rxns 31x 3	
GENETIC VARIANT 1639 G>A OF THE VKORC1 GENE	RUO	FGC-020-25 Test 25, rxns 31	
INFLAMMATION (Real-Time qPCR)			
COX-2 (rs20417) GENETIC VARIANT	RUO	INF-001-25 Test 25, rxns 31	
IL-10 (rs1800896, rs1800872, rs1800871) GENETIC VARIANTS	RUO	INF-002-25 Test 25, rxns 31x3	
IL-1 (rs1800587, rs1143634, rs419598) GENETIC VARIANTS	RUO	INF-003-25 Test 25, rxns 31x3	
TNF-α (rs1800629) GENETIC VARIANT	RUO	INF-004-25 Test 25, rxns 31	
Mutations c122 T>C; c121 A>G; c121 A>C of UBA1 gene (VEXAS SYNDROME)	RUO	INF-005-25 Test 25, rxns 31x3	



### ONCOHEMATOLOGY (Real-Time qPCR)

MGMT PROMOTER METHYLATION (O <sup>6</sup> -methylguanine DNA methyltransferase)	CE IVD	ONC-001-25 Test 25, rxns 31x2	
BCR-ABL1 t (9;22) ONE-STEP RT-PCR Qualitative detection (p210, p190, p230)	CE IVD	ONC-010-25 Test 25, rxns 31x3	
JAK2 (Janus kinase 2) V617F MUTATION Qualitative detection	CE IVD	ONC-011-25 Test 25, rxns 31	ONC-011-50 Test 50, rxns 62
JAK2 (Janus kinase 2) V617F MUTATION Quantitative detection	CE IVD	ONC-012-25 Test 25, rxns 38	ONC-012-50 Test 50, rxns 76
MPL W515L/K MUTATION (MYELOPROLIFERATIVE LEUKEMIA VIRUS ONCOGENE)	CE IVD	ONC-013-25 Test 25, rxns 31x2	ONC-013-50 Test 50, rxns 62x2
CALR EXON 9 MUTATION Type I (DEL 52bp) And Type II (INS 5bp) (chaperone calreticulin)	CE IVD	ONC-014-25 Test 25, rxns 31x2	ONC-014-50 Test 50, rxns 62x2
BCR-ABL1 t (9; 22) ONE-STEP RT-PCR Quantitative detection p210 (M-BCR)	CE IVD	ONC-015-25 Test 25, rxns 50	
BCR-ABL1 t (9;22) (mBCR e μBCR) Quantitative detection p190/p230	CE IVD	ONC-016-25 Test 25, rxns 50x2	
MUTATION L265P OF MYD88 GENE	RUO	ONC-017-25 Test 25, rxns 31	
BRAF V600E (T1799A) MUTATION	CE IVD	ONC-021-25 Test 25, rxns 31	
PRUNE-1 and RPP-30 COPIES NUMBER DETECTION (CNV)	RUO	ONC-022-100 Test 100, rxns 124	
PML-RARα t (15; 17) (q22; q21) ONE-STEP RT-PCR Qualitative detection (bcr1, bcr2, bcr3)	CE IVD	ONC-030-25 Test 25, rxns 31x3	
AML1-ETO t (8; 21) (Q22; Q22) ONE-STEP RT-PCR Qualitative detection	CE IVD	ONC-031-25 Test 25, rxns 31	
CBFB-MYH11 INV (16) (p13q22) ONE-STEP RT-PCR Qualitative detection	CE IVD	ONC-032-25 Test 25, rxns 31x3	