

Hematológiai (Hematology) génpanel v:2022.01.26.

Panel tartalma 407 gén:

ABCA3, ABCB7, ABCG5, ABCG8, ABL1, ACD, ACTB, ACTN1, ACVRL1, ACSL6, ADA2, ADAMTS13, AK1, AK2, ALAS2, ALDOA, AMN, ANK1, ANKRD26, ANKRD34A, ANKRD35, ANO6, AP3B1, AP3D1, ARHGAP26, ARPC1B, ASXL1, ATM, ATR, ATRX, BAAT, BCOR, BCORL1, BLM, BLOC1S3, BLOC1S5, BLOC1S6, BRAF, BRCA1, BRCA2, BRIP1, C15ORF41, C6ORF25, CALR, CBL, CBLB, CBLC, CD36, CD59, CDAN1, CDC42, CDKN2A, CEBPA, CECR1, CHST14, CLCN7, CLPB, COL1A1, COL3A1, COL5A1, COL5A2, COX4I2, CTC1, CTLA4, CTSC, CUBN, CUX1, CXCR4, CYB5R3, CYCS, CSF2RA, CSF3R, DDX41, DHFR, DIAPH1, DKC1, DNAJC21, DNASE2, DNMT3A, DTNBP1, EFL1, EGLN1, ELANE, ENG, ENO1, EPAS1, EPB41, EPB42, EPCAM, EPHB2, EPHX1, EPO, EPOR, ERCC4, ERCC6L2, ETV6, EZH2, F10, F11, F12, F13A1, F13B, F2, F2R, F5, F7, F8, F9, FADD, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, FAS, FASLG, FBXW7, FCGR3B, FERMT3, FGA, FGB, FGG, FIBCD1, FLI1, FLNA, FLT3, FYB, FYB1, G6PC3, G6PD, GALE, GATA1, GATA2, GBA, GCLC, GFI1, GFI1B, GGCX, GINS1, GLRX5, GNAS, GNE, GNRHR2, GP1BA, GP1BB, GP6, GP9, GPI, GPR143, GPX1, GSR, GSS, HAVCR2, HAX1, HBA1, HBA2, HBB, HBD, HBG1, HBG2, HEPH, HFE, HFE2, HK1, HMOX1, HOXA11, HPS1, HPS3, HPS4, HPS5, HPS6, HRAS, IDH1, IDH2, IFNG, IFNGR2, IKZF1, IKZF5, IRF1, ITGA10, ITGA2, ITGA2B, ITGB3, ITK, JAGN1, JAK2, JAK3, KCNN4, KDM6A, KDSR, KIF23, KIT, KLF1, KLKB1, KMT2A, KNG1, KRAS, LAMTOR2, LAT, LIX1L, LMAN1, LPIN2, LYST, MAGT1, MAP2K1, MAP2K2, MAST2, MASTL, MCFD2, MECOM, MKL1, MLH1, MPIOG6B, MPL, MSH2, MSH6, MTHFD1, MTR, MTRR, MYD88, MYH9, MYO5A, NAF1, NBEA, NBEAL2, NBN, NF1, NHP2, NOP10, NOTCH1, NPM1, NRAS, NT5C3A, NUDT1, OBFC1, OCA2, P2RX1, P2RY12, PALB2, PARN, PAX5, PC, PDGFRA, PDHA1, PDHX, PEX11B, PFKM, PGK1, PGM3, PHF6, PIAS3, PIEZO1, PIGA, PIGT, PKLR, PLA2G4A, PLAT, PLAU, PLAUR, PLG, PLGRKT, PMS2, POLR2C, POLR3GL, POT1, PRF1, PRKACG, PRKG1, PROC, PROS1, PTEN, PTGS1, PTPN11, PTPRJ, PUS1, RAB27A, RAC2, RAD21, RAD51C, RAP1B, RASGRP2, RBM8A, RECQL4, REN, RGS2, RHAG, RIT1, RMRP, RNF168, RNU4ATAC, RPL11, RPL13, RPL15, RPL18, RPL19, RPL26, RPL27, RPL31, RPL35, RPL35A, RPL5, RPL9, RPS10, RPS14, RPS17, RPS19, RPS24, RPS26, RPS27, RPS28, RPS29, RPS7, RTEL1, RUNX1, SAMD9, SAMD9L, SBDS, SEC23B, SERPINA1, SERPINC1, SERPINE1, SERPINF2, SETBP1, SF3B1, SFTPB, SFTPC, SH2D1A, SH3BP1, SLC11A2, SLC19A2, SLC25A38, SLC2A1, SLC34A1, SLC37A4, SLC45A2, SLC46A1, SLC4A1, SLFN14, SLX4, SMAD4, SMARCD2, SMC1A, SMC3, SOS1, SPTA1, SPTB, SRC, SRP54, SRP72, SRSF2, STAG2, STAT3, STIM1, STX11, STXBP2, TAZ, TBXA2R, TBXAS1, TCN2, TERC, TERT, TET2, TF, TFPI, THBD, THPO, TINF2, TMPRSS6, TNXB, TP53, TPI1, TPM4, TRNT1, TRPM7, TSR2, TUBB1, TXNIP, TYR, TYRP1, U2AF1, UBE2T, UNC13D, UROS, USB1, USP18, VIPAS39, VKORC1, VPS13B, VPS33B, VPS45, VWF, WAS, WDR1, WIPF1, WRAP53, WT1, XIAP, XK, XRCC2, YARS2, ZCCHC8, ZRSR2.

Forrás:

Comprehensive Hematology Panel

<https://blueprintgenetics.com/tests/panels/hematology/comprehensive-hematology-panel/>

(Megtekintve: 2022.01.26.)

Bleeding and platelet disorders (Version 1.31)
<https://panelapp.genomicsengland.co.uk/panels/545/>
(Megtekintve: 2022.01.26.)

Cytopenias and congenital anaemias (Version 1.96)
<https://panelapp.genomicsengland.co.uk/panels/159/>
(Megtekintve: 2022.01.26.)

Coagulation Factor Deficiency Panel
<https://blueprintgenetics.com/tests/panels/hematology/coagulation-factor-deficiency-panel/>
(Megtekintve: 2022.01.26.)

Coagulation Deficiency NGS Panel
<https://www.fulgentgenetics.com/Coagulation> (Megtekintve: 2022.01.26.)

Coagulation Disorders NGS panel
<https://www.asperbio.com/asper-hematology/coagulation-disorders-ngs-panel/>
(Megtekintve: 2022.01.26.)

Coagulation Disorder Panel
<https://www.versiti.org/Custom/Files/Versiti/06/06a1be99-2ea7-49d7-be44-bf7d67e180eb.pdf>
(Megtekintve: 2022.01.26.)

Bastida JM, Del Rey M, Lozano ML, et al. Design and application of a 23-gene panel by next-generation sequencing for inherited coagulation bleeding disorders. *Haemophilia*. 2016;22(4):590-597. doi:10.1111/hae.12908