

Kardiológiai (Cardiology) génpanel v:2025-05-13

Panel tartalma 436 gén:

A2ML1, ABCA1, ABCC9, ABCG5, ABCG8, ABL1, ACADVL, ACTA1, ACTA2, ACTC1, ACTN2, ACVR2B, ACVRL1, ADA2, ADAMTS10, ADAMTS19, ADNP, AFF4, AGL, AKAP9, ALMS1, ALPK3, ANK2, ANKRD1, ANKS6, APOA5, APOB, APOC2, APOE, ARHGAP31, ARIH1, ASPH, ATAD3A, ATM, ATP13A3, B3GAT3, B3GLCT, BAG3, BAG5, BCOR, BGN, BMPR2, BRAF, CACNA1C, CACNA2D1, CACNB2, CALM1, CALM2, CALM3, CALR3, CAPN15, CASQ2, CAV1, CAV3, CAVIN4, CBL, CBS, CCDC39, CCDC40, CDH2, CDK13, CFAP298, CFAP300, CFAP53, CFC1, CHD4, CHD7, CHRM2, CITED2, CLDN16, CLDN19, CNM2, COL1A1, COL1A2, COL3A1, COL4A1, COL4A2, COL5A1, COL5A2, COX15, CPT2, CREBBP, CRELD1, CRYAB, CTF1, CTNNA3, CTNND1, CSRP3, DES, DHCR7, DLL4, DMD, DNAAF1, DNAAF11, DNAAF2, DNAAF3, DNAAF4, DNAAF5, DNAAF6, DNAH11, DNAH5, DNAH9, DNAI1, DNAI2, DNAJC19, DNAL1, DOLK, DPP6, DSC2, DSG2, DSP, DTNA, EFEMP2, EGF, EHMT1, EIF2AK4, ELAC2, ELN, EMD, ENG, EOGT, EP300, EVC, EVC2, EYA4, FBLN5, FBN1, FBN2, FHL1, FHL2, FHOD3, FKBP14, FKRP, FKTN, FLII, FLNA, FLNC, FLT4, FOXC1, FOXE3, FOXF1, FOXH1, FOXJ1, FXN, FXYD2, G6PC3, GAA, GAS8, GATA4, GATA5, GATA6, GATAD1, GDF1, GDF2, GJA1, GJA5, GLA, GLRA1, GNB5, GPC3, GPD1L, GPIHBP1, GYG1, HADHA, HAND1, HCN4, HCCS, HFE, HOXA1, HRAS, HTRA1, HYAL2, ILK, IPO8, JAG1, JPH2, JUP, KANSL1, KCNA1, KCNA5, KCND3, KCNE1, KCNE2, KCNE3, KCNE5, KCNH2, KCNJ2, KCNJ5, KCNJ8, KCNK3, KCNQ1, KDM6A, KDR, KIF20A, KLF10, KLHL24, KMT2D, KRAS, KYNU, LAMA2, LAMA4, LAMP2, LDB3, LDLR, LDLRAP1, LEFTY2, LMNA, LMOD2, LOX, LPL, LRRC10, LRRC56, LTBP3, LZTR1, MAP2K1, MAP2K2, MAP3K8, MAPK1, MED12, MED13L, MEGF8, MEIS2, MFAP5, MGP, MIB1, MID1, MIPEP, MLYCD, MMP15, MMP21, MMP3, MRAS, MTO1, MYBPC3, MYBPHL, MYH11, MYH6, MYH7, MYL2, MYL3, MYL4, MYLK, MYLK2, MYLK3, MYO6, MYOM1, MYOT, MYOZ2, MYPN, MYRF, MYZAP, NADSYN1, NDUFAF2, NDUFB11, NEBL, NEK8, NEXN, NF1, NIPBL, NKX2-5, NKX2-6, NME8, NODAL, NONO, NOTCH1, NOTCH2, NOTCH3, NPPA, NR2F2, NRAP, NRAS, NSD1, ODAD1, ODAD2, ODAD3, ODAD4, PCCA, PCCB, PCSK9, PDLIM3, PHOX2B, PIK3R2, PKD1L1, PKD2, PKP2, PLD1, PLEC, PLEKHM2, PLN, PLOD1, PMEPA1, PNPLA2, PPA2, PPCS, PPP1CB, PRDM16, PRKACA, PRKACB, PRKAG2, PRKAR1A, PRKD1, PRKG1, PSEN1, PSEN2, PTPN11, QRSL1, RAF1, RANGRF, RARB, RASA1, RASA2, RBCK1, RBM10, RBM20, RHBDF1, RIT1, RMND1, ROBO1, ROBO4, ROR2, RPL3L, RPS6KB1, RRAGC, RRAGD, RRAS, RRAS2, RYR1, RYR2, SALL1, SALL4, SCN10A, SCN1B, SCN2B, SCN3B, SCN4B, SCN5A, SCNN1B, SCNN1G, SCO1, SCO2, SDHA, SECISBP2, SELENON, SEMA3A, SGCA, SGCB, SGCD, SGCG, SH3PXD2B, SHOC2, SKI, SLC12A3, SLC22A5, SLC25A20, SLC25A4, SLC2A10, SLC4A3, SLC6A6, SLMAP, SMAD2, SMAD3, SMAD4, SMAD6, SMAD9, SMC3, SMCHD1, SNTA1, SOS1, SOS2, SOX17, SOX2, SPAG1, SPEG, SPEN, SPRED1, SPRED2, STRA6, SYNE1, SYNE2, TAB2, TAFAZZIN, TANGO2, TAX1BP3, TBX1, TBX20, TBX3, TBX4, TBX5, TCAP,

TECRL, TFAP2B, TGDS, TGFB2, TGFB3, TGFBR1, TGFBR2, THSD4, TLL1, TMEM43, TMEM70, TMPO, TNNC1, TNNI3, TNNI3K, TNNT2, TOR1AIP1, TPM1, TRAF7, TRDN, TREX1, TRIM32, TRIM63, TRPM4, TRPM6, TSFM, TSPYL1, TTC12, TTN, TTR, TULP3, TXNRD2, UBR1, VCL, VCP, VPS13A, WBP11, WDPCP, WWTR1, XK, YWHAE, ZEB2, ZFPM2, ZIC3, ZMYM2, ZMYND10, ZNF699

Forrás:

Comprehensive Cardiomyopathy NGS Panel

<https://www.fulgentgenetics.com/comprehensive-cardiomyopathy>

Invitae Cardiomyopathy Comprehensive Panel

<https://www.invitae.com/en/physician/tests/02251/>

Cardiomyopathy Panel

<https://blueprintgenetics.com/tests/panels/cardiology/cardiomyopathy-panel/>

CentocardioTM

<https://www.centoportal.com/order/new/products/analysis-method?queryType=TEST&query=Centocardio%C2%AE>

Cardiac Disease Panel

<https://www.cegat.com/diagnostics/diagnostic-panels/cardiac-diseases/>

Combined Cardiac Panel

<https://www.genedx.com/tests/detail/combined-cardiac-panel-836>

Cardiac arrhythmias (Version 14.7)

<https://panelapp.genomicsengland.co.uk/panels/842/>

Thoracic aortic aneurysm or dissection (GMS) (Version 4.1)

<https://panelapp.genomicsengland.co.uk/panels/700/>

Sudden death in young people (Version 1.15)

<https://panelapp.genomicsengland.co.uk/panels/45/>

Hypertrophic cardiomyopathy (Version 5.1)

<https://panelapp.genomicsengland.co.uk/panels/49/>

Familial non syndromic congenital heart disease (Version 1.87)

<https://panelapp.genomicsengland.co.uk/panels/212/>

Dilated and arrhythmogenic cardiomyopathy (Version 3.1)

<https://panelapp.genomicsengland.co.uk/panels/652/>

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