

Kardiológiai (Cardiology) génpanel v:2023.10.12.

Panel tartalma 512 gén:

A2ML1, AARS2, ABCA1, ABCC6, ABCC9, ABCG5, ABCG8, ABL1, ACAD9, ACADVL, ACTA1, ACTA2, ACTC1, ACTN2, ACVR1, ACVR2B, ACVRL1, ADA2, ADAMTS10, ADAMTS19, ADAMTS2, AGK, AGL, AKAP9, AKT3, ALDH18A1, ALG10, ALG10B, ALMS1, ALPK3, ANK2, ANKRD1, ANKS6, ANO5, APOA1, APOA5, APOB, APOE, ARHGAP31, ARIH1, ASPH, ATM, ATP6V0A2, ATP7A, B3GAT3, B4GALT7, BAG3, BCOR, BGN, BMPR1B, BMPR2, BRAF, CACNA1C, CACNA2D1, CACNB2, CALM1, CALM2, CALM3, CALR3, CAPN3, CASQ2, CASZ1, CAV1, CAV3, CAVIN4, CBL, CBS, CCDC103, CCDC39, CCDC40, CCND2, CDH2, CFAP298, CFAP300, CFAP53, CHD7, CHKB, CHRM2, CHST14, CITED2, CLDN16, CLDN19, CND3, CNNM2, COA5, COA6, COL11A1, COL11A2, COL1A1, COL1A2, COL2A1, COL3A1, COL4A1, COL4A2, COL5A1, COL5A2, COL9A1, COL9A2, COL9A3, COX15, CPT2, CREBBP, CRELD1, CRYAB, CTF1, CTNNA3, CSRP3, DBH, DES, DLG1, DLL4, DMD, DNAAF1, DNAAF11, DNAAF2, DNAAF3, DNAAF4, DNAAF5, DNAAF6, DNAH11, DNAH5, DNAH9, DNAI1, DNAI2, DNAJC19, DNAL1, DOLK, DPM3, DPP6, DSC2, DSG2, DSP, DTNA, DYSF, EEF1A2, EFEMP2, EGF, EHMT1, EIF2AK4, ELAC2, ELN, EMD, EMILIN1, ENG, EOGT, EP300, EPG5, EPHB4, ETFA, ETFB, ETFDH, EVC, EVC2, EYA4, FBLN5, FBN1, FBN2, FBXL4, FBXO32, FHL1, FHL2, FHOD3, FKBP14, FKRP, FKTN, FLCN, FLNA, FLNC, FOXC1, FOXD4, FOXE3, FOXF1, FOXJ1, FOXRED1, FXN, FXYD2, GAA, GAS8, GATA4, GATA5, GATA6, GATAD1, GATC, GBE1, GDF1, GDF2, GFM1, GJA1, GJA5, GLA, GLB1, GMPPB, GNAI2, GNB5, GPC3, GPD1L, GSK3B, GTPBP3, GUSB, HADHA, HADHB, HAND1, HCN4, HCCS, HEY2, HFE, HNRNPK, HRAS, HTRA1, IDUA, ILK, IPO8, ISPD, JAG1, JPH2, JUP, KANSL1, KARS, KCNA1, KCNA5, KCNAB2, KCND3, KCNE1, KCNE2, KCNE3, KCNE5, KCNH2, KCNJ2, KCNJ5, KCNJ8, KCNK3, KCNN1, KCNQ1, KDM6A, KLHL24, KMT2D, KRAS, LAMA2, LAMA4, LAMP2, LARGE, LDB3, LDLR, LDLRAP1, LEMD2, LIMS2, LIPA, LMNA, LMOD2, LOX, LPL, LRP5, LRRC10, LRRC56, LTBP2, LTBP3, LZTR1, MAP2K1, MAP2K2, MAP3K8, MAT2A, MED12, MED13L, MEIS2, MFAP5, MGP, MIB1, MIPEP, MLIP, MLYCD, MMP21, MMP3, MRAS, MRPL3, MRPL44, MT-ATP6, MT-ATP8, MT-CO1, MT-CO2, MT-CO3, MT-CYB, MT-ND1, MT-ND2, MT-ND3, MT-ND4, MT-ND4L, MT-ND5, MT-ND6, MT-RNR1, MT-RNR2, MT-TA, MT-TC, MT-TD, MT-TE, MT-TF, MT-TG, MT-TH, MT-TI, MT-TK, MT-TL1, MT-TL2, MT-TM, MT-TN, MT-TP, MT-TQ, MT-TR, MT-TS1, MT-TS2, MT-TT, MT-TV, MT-TW, MT-TY, MTND1, MTND5, MTND6, MTO1, MTTD, MTTG, MTHH, MTTI, MTTK, MTTL1, MTTL2, MTTM, MTTQ, MTTS1, MTTS2, MYBPC3, MYBPHL, MYH11, MYH6, MYH7, MYL2, MYL3, MYL4, MYLK, MYLK2, MYLK3, MYO6, MYOM1, MYOT, MYOZ2, MYPN, MYRF, NDUFAF2, NDUFB11, NDUFV2, NEB, NEBL, NEXN, NF1, NF2, NIPBL, NKX2-5, NKX2-6, NME8, NODAL, NONO, NOS1AP, NOTCH1, NOTCH2, NOTCH3, NPPA, NR2F2, NRAP, NRAS, NSD1, ODAD1, ODAD2, ODAD3, ODAD4, PCCA, PCCB, PCSK9, PDLIM3, PIK3CA, PIK3R2, PKD1, PKD1L1, PKD2, PKP2, PLEC, PLEKHM2, PLN, PLOD1, PNPLA2, POMT1, POMT2, PPA2, PPCS, PPP1CB, PRDM16, PRKAG2, PRKAR1A, PRKG1, PSEN1, PSEN2, PTPN11, QRSL1, RAF1, RANGRF, RARB, RASA1, RASA2, RBCK1, RBM10, RBM20, RIT1,

RMND1, ROBO4, RRAS, RYR1, RYR2, SALL1, SALL4, SASH1, SCN10A, SCN1B, SCN2B, SCN3B, SCN4B, SCN5A, SCNN1B, SCNN1G, SCO1, SCO2, SDHA, SELENON, SEMA3A, SGCA, SGCB, SGCD, SGCG, SHOC2, SKI, SLC12A3, SLC22A5, SLC25A20, SLC25A3, SLC25A4, SLC2A10, SLC39A13, SLC4A3, SLMAP, SMAD2, SMAD3, SMAD4, SMAD6, SMAD9, SMARCB1, SMC3, SMCHD1, SNTA1, SOS1, SOS2, SOX2, SPAG1, SPEG, SPRED1, STAMBP, STRA6, SYNE1, SYNE2, TAB2, TAFAZZIN, TANGO2, TAZ, TBX1, TBX20, TBX3, TBX4, TBX5, TCAP, TECRL, TFAP2B, TGFB2, TGFB3, TGFBR1, TGFBR2, THSD4, TK2, TLL1, TMEM43, TMEM70, TMPO, TNNC1, TNNI3, TNNI3K, TNNT2, TNXB, TOR1AIP1, TPM1, TRDN, TREX1, TRIM32, TRPM4, TRPM6, TSFM, TTC12, TTN, TTR, TXNRD2, VCL, VCP, VPS13A, XK, YWHAE, ZEB2, ZFPM2, ZIC3, ZMYND10, ZNF469

Forrás:

Comprehensive Cardiomyopathy NGS Panel

<https://www.fulgentgenetics.com/comprehensive-cardiomyopathy> (Megtekintve: 2023.05.17.)

Invitae Cardiomyopathy Comprehensive Panel

<https://www.invitae.com/en/providers/test-catalog/test-02251> (Megtekintve: 2023.05.17.)

Cardiomyopathy Panel

<https://blueprintgenetics.com/tests/panels/cardiology/cardiomyopathy-panel/> (Megtekintve: 2023.05.17.)

CentoCardio®

<https://www.centogene.com/diagnostics/our-tests/ngs-panels/cardiovascular> (Megtekintve: 2023.07.19.)

Cardiac Diseases

<https://cegat.com/diagnostics/rare-diseases/cardiac-diseases/> (Megtekintve: 2023.07.19.)

Combined Cardiac Panel

<https://providers.genedx.com/tests/detail/combined-cardiac-panel-836> (Megtekintve: 2023.05.17.)

Cardiac arrhythmias (Version 13.6)

<https://panelapp.genomicsengland.co.uk/panels/842/> (Megtekintve: 2023.05.17.)

Thoracic aortic aneurysm or dissection (GMS) (Version 3.1)

<https://panelapp.genomicsengland.co.uk/panels/700/> (Megtekintve: 2023.05.17.)