

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Abnormal mineralization panel	ALPL, ANKH, AP2S1, CASR, CLCN5, CYP27B1, CYP2R1, DMP1, ENPP1, FGF23, GNA11, PHEX, PTH1R, SLC34A1, SLC34A3, SLC9A3R1, VDR	3.650,00 €	1.955,00 €	1.725,00 €	PHEX, FGF23, CASR	655,00 €		
Achromatopsia panel	ATF6, CNGA3, CNGB3, CNNM4, GNAT2, OPN1LW, OPN1MW, PDE6C, PDE6H, RPGR	3.650,00 €	2.225,00 €	1.725,00 €	RPGR	328,00 €		
Afibrinogenemia panel	FGA, FGB, FGG	3.650,00 €	1.955,00 €	1.725,00 €				x
Agammaglobulinemia panel	BLNK, BTK, CD79A, CD79B, IGHM, IGLL1, LRRC8A, PIK3R1, SH2D1A	3.650,00 €	1.955,00 €	1.725,00 €	BTK, SH2D1A	655,00 €		x
Aicardi-Goutieres syndrome panel	ADAR, IFIH1, TREX1, RNASEH2A, RNASEH2B, RNASEH2C, SAMHD1	3.650,00 €	1.955,00 €	1.725,00 €	RNASEH2B, RNASEH2A, TREX1, RNASEH2C, SAMHD1	328,00 €		x
Albinism panel	AP3B1, BLOC1S3, BLOC1S6, C10ORF11, DTNBP1, EDN3, EDNRB, GPR143, HPS1, HPS3, HPS4, HPS5, HPS6, KIT, L... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	EDNRB, PAX3, EDN3, SNAI2, SOX10, KIT, OCA2, GPR143, TYR, MITF	1.250,00 €		
AllNeuro panel	A2M, AAAS, AANAT, AARS, AARS2, AASS, ABAT, ABCA1, ABCB7, ABCC6, ABCC8, ABCD1, ABCD4, ABHD12, ABHD5, ... (for the complete list please visit https://www.centogene.com)		1.900,00 €					x
Alport syndrome panel	COL4A3, COL4A4, COL4A5	3.650,00 €	2.225,00 €	1.725,00 €	COL4A4, COL4A5, COL4A3	1.310,00 €		x
Alzheimer dementia and dementia panel	APOE, APP, PRNP, PSEN1, PSEN2, SORL1, TREM2		2.195,00 €		APP, PSEN1, PSEN2	328,00 €		
Amyotrophic lateral sclerosis (ALS) panel	ALS2, ANG, CHCHD10, CHMP2B, DCTN1, ERBB4, FIG4, FUS, HNRNPA1, MATR3, NEFH, OPTN, PFN1, PRPH, SETX, S... (for the complete list please visit https://www.centogene.com)		2.625,00 €		SPG11, SETX	655,00 €		x
Arrhythmia, hereditary panel	AKAP9, ANK2, CACNA1C, CACNB2, CASQ2, CAV3, DSC2, DSG2, DSP, GPD1L, JUP, KCNA5, KCNE1, KCNE2, KCNE3, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	DSG2, SCN5A, CAV3, PKP2, KCNQ1, KCNE2, DSC2, RYR2, KCNE1, KCNH2, TGFB3, JUP, KCNJ2, DSP	1.638,00 €		x
Arrhythmogenic right ventricular cardiomyopathy panel	DSP, DSG2, DSC2, JUP, PKP2, RYR2, TGFB3, TMEM43	3.650,00 €	1.955,00 €	1.725,00 €	DSG2, TGFB3, JUP, RYR2, PKP2, DSC2, DSP	328,00 €		x
Arthrogyposis panel	TPM2, MYBPC1, MYH3, TNNT3, TNNI2, MYH8, FBN2, PIEZO2, ECEL1, DOK7, RAPSN	3.650,00 €	1.955,00 €	1.725,00 €				x
Ashkenazi panel (basic)	ABCC8 (c.3989-9G>A, p.F1387del (NM_000352.3)), ASPA (p.Y231X, p.E285A, p.A305E (NM_001128085.1)), BC... (for the complete list please visit https://www.centogene.com)		164,00 €					

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Ashkenazi panel (advanced)	ABCC8 (c.3989-9G>A, p.F1387del (NM_000352.3)), ASPA (c.433-2A>G, p.Y231X, p.E285A, p.A305E (NM_00112... (for the complete list please visit https://www.centogene.com))		507,00 €					
Atypical hemolytic uremic syndrome panel	ADAMTS13, C3, CD46, CFB, CFH, CFHR1, CFHR2, CFHR3, CFHR5, CFI, DGKE, MMACHC, PIGA, PLG, THBD		2.283,00 €		CFH, CFHR1, CFHR2, CFHR3, CFHR5			x
Autoimmune lymphoproliferative syndrome panel	CASP10, CASP8, CTLA4, FADD, FAS, FASLG, ITK, KRAS, MAGT1, NRAS, PRKCD	3.650,00 €	1.955,00 €	1.725,00 €	FAS, FASLG	655,00 €		
Bardet Biedl panel	ARL6, BBIP1, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, CCDC28B, CEP290, IFT27, LZTFL1, MKKS, MKS1, SDCCAG8, TME67, TRIM32, TTC8, WDPCP	3.650,00 €	1.955,00 €	1.725,00 €				x
Bartter Syndrome panel	ATP6V1B1, BSND, CA2, CASR, CLCNKA, CLCNKB, CLDN16, CLDN19, FXYP2, HSD11B2, KCNJ1, KCNJ10, KLHL3, NR3... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SLC12A3, CLCNKA, CLCNKB, CASR	983,00 €		x
Bethlem myopathy panel	COL6A1, COL6A2, COL6A3, COL12A1	3.650,00 €	1.955,00 €	1.725,00 €				x
B-negative SCID panel	ADA, AK2, DCLRE1C, LIG4, NHEJ1, RAC2, RAG1, RAG2	3.650,00 €	1.955,00 €	1.725,00 €	DCLRE1C, RAG2	655,00 €		x
Bone marrow failure panel	ABCB7, AK2, ALAS2, ANKRD26, BRCA2, BRIP1, CASP10, CBL, CDAN1, CSF3R, CXCR4, DKC1, ELANE, ERCC4, FANC... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	PALB2, FANCD2, CXCR4, FANCB, RPL35A, RPS17, RPL11, DKC1, TERC, TERT, RPL5, STX11, BRIP1, RPS19,	3.604,00 €		x
B-positive SCID panel	CD3D, CD3E, CD247, FOXM1, IL2RG, IL7R, JAK3, ORAI1, PNP, PTPRC, RMRP, STAT5B, STIM1, TBX1, ZAP70	3.650,00 €	2.225,00 €	1.725,00 €	STAT5B, TBX1	655,00 €		x
Brain iron accumulation syndromes panel	ATP13A2, C19orf12, COASY, CP, DCAF17, FA2H, FTL, PANK2, PLA2G6, SCP2, WDR45	3.650,00 €	1.955,00 €	1.725,00 €	PANK2, ATP13A2, PLA2G6	983,00 €		x
BRCA1, BRCA2 panel	BRCA1, BRCA2		495,00 €		BRCA2, BRCA1	550,00 €		
BRCA1, BRCA2 somatic mutation analysis	BRCA1, BRCA2						1.150,00 €	
Breast ovarian cancer panel	CDH1, PTEN, STK11, TP53		1.492,00 €		STK11, TP53, PTEN, CDH1	1.310,00 €		
Breast ovarian cancer panel PLUS	ATM, BARD1, BRIP1, CHEK2, MEN1, MLH1, MRE11A, MSH2, MSH6, MUTYH, NBN, PALB2, PMS1, PMS2, RAD50, RAD51C, RAD51D, XRCC2		1.492,00 €		MSH2, CHEK2, BRIP1, RAD51D, RAD50, RAD51C, PMS2, PALB2, MSH6, MEN1, MLH1, ATM, MUTYH	1.900,00 €		

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Brugada syndrome panel	CACNA1C, CACNB2, GPD1L, HCN4, KCNE3, SCN1B, SCN3B, SCN5A, SLMAP	3.650,00 €	1.955,00 €	1.725,00 €	SCN5A	328,00 €		x
Cancer Hotspot Panel	covering most frequent mutations in genes ABL1, AKT1, ALK, APC, ATM, BRAF, CDH1, CDKN2A, CSF1R, CTNN... (for the complete list please visit https://www.centogene.com)						1.665,00 €	
Cardiomyopathy dilated panel	ABCC9, ACTC1, ACTN2, ANKRD1, BAG3, CRYAB, CSRP3, DES, DMD, DNAJC19, DOLK, DSC2, DSG2, DSP, EMD, EYA4... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	MYBPC3, TNNT2, SGCD, MYH7, RAF1, BAG3, DMD, DSC2, DSG2, SCN5A, LMNA, PKP2, FKTN, DSP, GATA4	3.931,00 €		
Cardiomyopathy hypertrophic panel	ACTC1, ACTN2, ANKRD1, CALR3, CAV3, CRYAB, CSRP3, DES, FHL2, FLNC, GLA, JPH2, LAMP2, LDB3, MYBPC3, MY... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	MYBPC3, MYH7, SLC25A4, TNNT2, CAV3, GLA	1.966,00 €		
Cataract panel	AGK, BCOR, BFSP1, BFSP2, CHMP4B, CRYAA, CRYAB, CRYBA1, CRYBA2, CRYBA4, CRYBB1, CRYBB2, CRYBB3, CRYGB... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	WFS1, PAX6, EYA1, FOXC1	1.310,00 €		
Catecholaminergic polymorphic ventricular tachycardia panel	RYR2, CASQ2, KCNJ2	3.650,00 €	1.955,00 €	1.725,00 €	RYR2, KCNJ2	655,00 €		x
CentoBreast® panel	ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, NBN, PALB2, PTEN, RAD51C, STK11, TP53		1.492,00 €					
CentoCancer panel	APC, ATM, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN2A, CHEK2, EPCAM, FH, FLCN, MLH1,... (for the complete list please visit https://www.centogene.com)		1.492,00 €					
CentoColon extended panel	APC, BMPR1A, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53		1.492,00 €					
CentoICU™ platinum	AARS, AARS2, AASS, ABAT, ABCA12, ABCA3, ABCB11, ABCC8, ABCD1, ABCD3, ABCD4, ACAD8, ACAD9, ACADM, ACA... (for the complete list please visit https://www.centogene.com)	3.650,00 €	1.575,00 €					x
CentoICU™ platinum plus	AARS, AARS2, AASS, ABAT, ABCA12, ABCA3, ABCB11, ABCC8, ABCD1, ABCD3, ABCD4, ACAD8, ACAD9, ACADM, ACA... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.145,00 €					x
CentoMito™ Comprehensive	AARS2, AASS, ABAT, ABCB6, ABCB7, ABCD1, ABCD3, ACACA, ACAD8, ACAD9, ACADM, ACADS, ACADSB, ACADVL, AC... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.300,00 €					x
CentoMito™ Genome	MT-ND1, MT-ND2, MT-CO1, MT-CO2, MT-ATP8, MT-ATP6, MT-CO3, MT-ND3, MT-ND4L, MT-ND4, MT-ND5, MT-ND6, M... (for the complete list please visit https://www.centogene.com)		967,00 €					x
Central hypoventilation syndrome panel	RET, GDNF, EDN3, BDNF, ASCL1, PHOX2A, PHOX2B, ZEB2, GFRA1, ECE1, MECP2		2.195,00 €		ASCL1, BDNF, GDNF, ZEB2, EDN3, MECP2, PHOX2B, RET, GFRA1	1.638,00 €		x

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Cerebellar ataxia panel	COQ8A, APTX, COQ2, COQ9, DNMT1, FXN, PDSS1, PDSS2, POLG, SACS, SETX, SYNE1, TTPA, VLDLR		2.195,00 €		POLG, SETX, VLDLR, APTX, SACS, FXN	1.310,00 €		x
Cerebral cavernous malformations panel	CCM2, KRIT1, PDCD10	3.650,00 €	1.955,00 €	1.725,00 €	KRIT1, PDCD10, CCM2	655,00 €		x
Ceroid lipofuscinosis panel	ATP13A2, CLN3, CLN5, CLN6, CLN8, CTSD, CTSF, DNAJC5, GRN, KCTD7, MFSD8, PPT1, TPP1	3.650,00 €	1.955,00 €	1.725,00 €	ATP13A2, GRN, CLN3	1.310,00 €		x
Chronic granulomatous disease panel	CYBA, CYBB, NCF1, NCF2, NCF4		1.955,00 €	1.725,00 €				x
Ciliary (primary) dyskinesia panel	DNAI1, DNAAF2, DNAAF3, DNAAF5, DNAH5, HYDIN, NME8, DNAH11, DNAI2, RSPH4A, RSPH9, DNAAF1, CCDC39, CCDC40, DNAL1, CCDC103, LRRC6, CCDC114	3.650,00 €	2.225,00 €	1.725,00 €	DNAI1, DNAH5	655,00 €		x
Cleft lip/palate panel	BMP4, IRF6, MSX1, PVRL1, SUMO1, TP63	3.650,00 €	1.955,00 €	1.725,00 €	IRF6, BMP4	655,00 €		
CMT neuropathy panel	AARS, AIFM1, ARHGEF10, BSCL2, COX6A1, DHTKD1, DNAJB2, DNM2, DNMT1, DYNC1H1, EGR2, FAM134B, FBLN5, FG... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SBF2, RAB7A, REEP1, MTMR2, SH3TC2, GJB1, GDAP1, KIF1B, HSPB1, IGHMBP2, EGR2, PRX, PMP22, NEFL,	2.621,00 €		x
Coffin-Siris syndrome panel	ARID1A, ARID1B, SMARCA4, SMARCB1, SMARCE1	3.650,00 €	1.955,00 €	1.725,00 €	SMARCB1, ARID1B, ARID1A	655,00 €		x
Colon cancer non-polyposis panel	MSH2, MLH1, MSH6, PMS2, EPCAM		1.492,00 €		MSH2, EPCAM, MSH6, MLH1, PMS2	983,00 €		
Colon cancer with polyps panel	APC, BMPR1A, MUTYH, PTEN, SMAD4, STK11		1.492,00 €		STK11, APC, PTEN, SMAD4, MUTYH, BMPR1A	1.638,00 €		
Combined pituitary hormone deficiency panel	GHR, HESX1, LHX3, LHX4, OTX2, POU1F1, PROP1	3.650,00 €	1.955,00 €	1.725,00 €	GHR, HESX1, POU1F1, PROP1, LHX3, LHX4	655,00 €		x
Common variable immune deficiency (CVID) panel	ICOS, NFKB2, TNFRSF13B, TNFRSF13C	3.650,00 €	1.955,00 €	1.725,00 €				x
Comprehensive dystonia panel	ADCY5, ANO3, ARSA, ATM, ATP1A3, ATP7B, CACNA1B, CIZ1, COL6A3, DRD2, GCDH, GCH1, GNAL, HPCA, KCNMA1, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	PARK2, PLA2G6, PANK2, ATP7B, ATM, THAP1, PRKRA, ATP1A3, GCH1, SGCE, SLC2A1, TOR1A, TH	2.621,00 €		x
Comprehensive epilepsy panel	ACY1, ADSL, ALDH7A1, AMT, ARHGEF15, ARHGEF9, ARX, ASAH1, CACNA1H, CACNB4, CDKL5, CERS1, CHRNA2, CHRN... (for the complete list please visit https://www.centogene.com)		2.450,00 €	1.725,00 €	ARX, SCN1A, LGI1, TSC2, CDKL5, MEF2C, SAMHD1, SLC2A1, TSC1, RNASEH2A, KCNQ3, RNASEH2C, TCF4,			

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Comprehensive pulmonary disease panel	ABCA3, ACVRL1, AP3B1, ASCL1, BDNF, BLOC1S3, BLOC1S6, BMPR2, CCDC39, CCDC40, CFTR, CSF2RA, CSF2RB, DK... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	ACVRL1, BMPR2, CFTR, DKC1, DNAH5, DNAI1, DOCK8, ELN, ENG, FOXF1, STAT3, TERC, TERT, TSC1, TSC2	3.931,00 €		
Comprehensive SCID panel	ADA, AK2, CD3D, CD3E, CD247, DCLRE1C, FOXP1, IL2RG, IL7R, JAK3, LIG4, NHEJ1, ORAI1, PNP, PTPRC, RAC2, RAG1, RAG2, RMRP, STAT5B, STIM1, TBX1, ZAP70	3.650,00 €	2.225,00 €	1.725,00 €	TBX1, RAG2, DCLRE1C, STAT5B	1.310,00 €		x
Cone-rod and cone dystrophy panel	ABCA4, ADAM9, AIPL1, BEST1, C8ORF37, CABP4, CACNA1F, CACNA2D4, CDHR1, CERKL, CNGB3, CNNM4, CRX, GUCA... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	PRPH2, GUCY2D, CRX, RPGR, BEST1, ABCA4, RRGRI1, AIPL1	1.966,00 €		
Congenital adrenal hyperplasia panel	CYP21A2, CYP17A1, CYP11B1, HSD3B2, POR, STAR	3.650,00 €	2.283,00 €		CYP17A1, POR	655,00 €		x
Congenital dyserythropoietic anemia panel	C15orf41, CDAN1, GATA1, KLF1, SEC23B	3.650,00 €	1.955,00 €	1.725,00 €				x
Congenital glycosylation disease panel	ALG1, ALG11, ALG12, ALG13, ALG2, ALG3, ALG6, ALG8, ALG9, ATP6V0A2, B4GALT1, COG1, COG4, COG5, COG6, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	LARGE	328,00 €		
Congenital heart defects panel	CFC1, CITED2, CRELD1, FOXH1, GATA4, GATA6, GDF1, NKX2-5, NOTCH1, TBX1, TBX20, ZFPM2	3.650,00 €	2.225,00 €	1.725,00 €	NKX2-5, TBX1, CFC1, GATA4	983,00 €		
Congenital ichthyosis panel	ABCA12, ALOX12B, ALOXE3, CERS3, CYP4F22, LIPN, NIPAL4, PNPLA1, TGM1	3.650,00 €	1.955,00 €	1.725,00 €				x
Congenital myasthenic syndrome panel	AGRN, CHAT, CHRNA1, CHRNB1, CHRND, CHRNE, CHRNG, COLQ, DOK7, GFPT1, LAMB2, MUSK, PLEC, RAPS, SCN4A	3.650,00 €	2.225,00 €	1.725,00 €	SCN4A	328,00 €		x
Congenital myopathy panel	ACTA1, BIN1, CCDC78, CFL2, CNTN1, DNM2, FHL1, KBTBD13, MAMLD1, MTM1, MTMR14, MYF6, MYH7, NEB, RYR1, SELENON, TNNT1, TPM2, TPM3	3.650,00 €	1.955,00 €	1.725,00 €	MYH7, MTM1, RYR1	1.310,00 €		x
Congenital neutropenia panel	CSF3R, CXCR4, ELANE, G6PC3, GF11, HAX1, JAGN1, RAC2, SBDS, VPS45, WAS	3.650,00 €	1.955,00 €	1.725,00 €				x
Congenital sideroblastic anemia panel	ABCB7, ALAS2, GLRX5, PUS1, SLC19A2, SLC25A38, TRNT1, YARS2	3.650,00 €	1.955,00 €	1.725,00 €				x
Cornelia de Lange syndrome panel	AFF4, HDAC8, KMT2A, NIPBL, RAD21, SMC1A, SMC3, TAF6	3.650,00 €	2.225,00 €	1.725,00 €	NIPBL	655,00 €		x
Craniosynostosis and craniofacial disorders panel	EFNB1, ERF, FGFR1, FGFR2, FGFR3, FREM1, GLI3, IFT43, IFT122, IL11RA, MEGF8, MSX2, POR, RAB23, RECQL4, SKI, TCF12, TGFB1, TGFB2, TWIST1, WDR19, WDR35	3.650,00 €	2.225,00 €	1.725,00 €	MSX2, TGFB1, EFNB1, FGFR1, POR, FGFR3, FGFR2, GLI3, TGFB2, TWIST1	1.638,00 €		x

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Cutis laxa panel	ALDH18A1, ATP6V0A2, ATP7A, EFEMP2, ELN, FBLN5, LTBP4, PYCR1	3.650,00 €	1.955,00 €	1.725,00 €	ATP7A, ELN	655,00 €		
Deafness, non-syndromic sensorineural autosomal dominant panel	ACTG1, CCDC50, COCH, COL11A2, CRYM, DFNA5, DIABLO, DIAPH1, DIAPH3, EYA4, GJB2, GJB3, GJB6, GRHL2, KC... (for the complete list please visit https://www.centogene.com)	3.650,00 €	1.955,00 €	1.725,00 €	WFS1, GJB6, GJB3, POU3F4, MYH9, GJB2	655,00 €		x
Deafness, non-syndromic sensorineural autosomal recessive panel	CDH23, CLDN14, COL11A2, DFNB31, DFNB59, ESPN, ESRRB, FOXI1, GIPC3, GJB2, GJB3, GJB6, GPSM2, GRXCR1, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	PCDH15, GJB6, GJB3, POU3F4, SLC26A4, GJB2	983,00 €		x
Dejerine-Sottas syndrome panel	MPZ, PMP22, PRX, EGR2, GJB1	3.650,00 €	1.955,00 €	1.725,00 €	EGR2, PRX, GJB1, PMP22, MPZ	655,00 €		x
Dementia panel	APOE, APP, CHMP2B, CSF1R, FUS, GRN, MAPT, PRNP, PSEN1, PSEN2, SORL1, TARDBP, TREM2, UBE3A, VCP		2.625,00 €		PSEN1, GRN, APP, MAPT, PSEN2, UBE3A	983,00 €		
Diabetes neonatal panel	ABCC8, FOXP3, G6PC2, GCK, GLIS3, INS, INSR, KCNJ11, NEUROG3, PDX1	3.650,00 €	2.225,00 €	1.725,00 €	ABCC8, GCK, PDX1, INS, KCNJ11	1.310,00 €		x
Diamond-Blackfan anemia panel	GATA1, RPL11, RPL15, RPL26, RPL27, RPL31, RPL35A, RPL5, RPS10, RPS17, RPS19, RPS24, RPS26, RPS27, RPS28, RPS29, RPS7, TSR2	3.650,00 €	2.225,00 €		RPL35A, RPS17, RPL11, RPL5, RPS26, RPS19	328,00 €		x
Dolichoectasia panel	COL4A1, COL4A2, GAA, MMP3, PKD1, PKD2, SLC2A10	3.650,00 €	1.955,00 €	1.725,00 €	PKD1, PKD2, GAA	983,00 €		x
Dopa-responsive dystonia panel	GCH1, TH, SPR	3.650,00 €	1.955,00 €	1.725,00 €	TH, GCH1	328,00 €		x
Dravet syndrome panel	SCN1A, GABRG2, SCN2A, SCN9A	3.650,00 €	1.955,00 €	1.725,00 €	SCN1A	328,00 €		x
Early infantile epileptic encephalopathy panel	AARS, ALG13, ARHGEF9, ARV1, ARX, CACNA1A, CDKL5, DNM1, DOCK7, EEF1A2, FRRS1L, GABRA1, GABRB3, GNAO1,... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	ARX, SCN1A, CDKL5, KCNQ2, PCDH19, GRIN2B, WWOX, CACNA1A, GABRB3	2.621,00 €		
Ehlers-Danlos syndrome and related disorders panel	ADAMTS2, ATP7A, B3GALT6, B3GAT3, B4GALT7, CHST14, COL12A1, COL1A1, COL1A2, COL3A1, COL5A1, COL5A2, D... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	ELN, FBN1, COL1A1, FLNA, TNXB, COL5A1, PLOD1, COL1A2, COL3A1, ATP7A	3.604,00 €		x
Epidermolysis bullosa panel	CHST8, COL17A1, COL7A1, CSTA, DSG1, DSP, DST, EXPH5, FERMT1, ITGA3, ITGA6, ITGB4, JUP, KRT14, KRT5, LAMA3, LAMB3, LAMC2, MMP1, PKP1, PLEC, TGM5	3.650,00 €	2.225,00 €	1.725,00 €	KRT5, JUP, DSP, COL7A1	655,00 €		x
Epilepsy (absence) in childhood panel	CACNA1H, GABRA1, GABRB3, GABRG2, JRK, SLC2A1	3.650,00 €	1.955,00 €	1.725,00 €	SLC2A1, GABRB3	655,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Epilepsy (generalized) with febrile seizures panel	GABRD, GABRG2, SCN1A, SCN1B, SCN2A, SCN9A	3.650,00 €	1.955,00 €	1.725,00 €	SCN1A	328,00 €		x
Epilepsy (partial) hereditary panel	CACNA1H, CACNB4, CHRNA2, CHRNA4, CHRN2, CLCN2, CPA6, DEPDC5, EFHC1, GABRA1, GABRB3, GABRD, GABRG2, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SCN1A, LGI1, KCNQ3, KCNQ2, CHRNA4, CHRN2, SLC2A1, GABRB3	1.966,00 €		x
Epileptic encephalopathy panel	ACY1, ADSL, ALDH7A1, AMT, ARHGEF9, ARX, CDKL5, CNTNAP2, CPT2, FOLR1, FOXG1, GABRG2, GAMT, GCSH, GLDC... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	GRIN2B, ARX, AMT, SCN1A, RNASEH2A, TREX1, MECP2, ZEB2, FOXG1, KCNQ2, RNASEH2C, GCSH,	4.259,00 €		x
Episodic ataxia panel	CACNA1A, CACNB4, KCNA1, SLC1A3		2.195,00 €		CACNA1A, KCNA1	328,00 €		x
Familial hemiplegic migraine panel	ATP1A2, CACNA1A, SCN1A	3.650,00 €	1.955,00 €	1.725,00 €	CACNA1A, SCN1A, ATP1A2	983,00 €		x
Familial hypercholesterolemia panel	APOB, GHR, LDLR, PCSK9	3.650,00 €	1.955,00 €	1.725,00 €	LDLR, GHR	655,00 €		x
Familial thoracic aortic aneurysm panel	ACTA2, BGN, CBS, LOX, MAT2A, MFAP5, MYH11, MYLK	3.650,00 €	1.955,00 €	1.725,00 €				x
Fanconi anemia panel	BRCA2, BRIP1, ERCC4, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, PALB2, RAD51C, SLX4, UBE2T, XRCC2	3.650,00 €	2.225,00 €	1.725,00 €	FANCD2, BRIP1, FANCB, PALB2, BRCA2, FANCA, RAD51C	2.293,00 €		x
Fatty acid oxidation disorder panel	ACAD9, ACADM, ACADS, ACADVL, CPT1A, CPT2, ETFA, ETFB, ETFDH, GLUD1, HADH, HADHA, HADHB, HMGCL, HSD17B10, PPARG, SLC22A5, SLC25A20, TAZ	3.650,00 €	1.955,00 €	1.725,00 €	PPARG, SLC22A5, ACADVL	655,00 €		x
Female infertility panel	BMP15, CYP21A2, FSHR, LHB, LHCGR, TUBB8, ZP1		3.050,00 €		CYP21A2			
Flecked retina panel	CHM, EFEMP1, PLA2G5, RDH5, RLBP1, RS1, VPS13B	3.650,00 €	1.955,00 €	1.725,00 €	CHM, VPS13B	983,00 €		x
Focal Glomerulonephrosis panel	ACTN4, CD2AP, INF2, NPHS1, NPHS2, TRPC6, WT1	3.650,00 €	1.955,00 €	1.725,00 €	WT1	328,00 €		
Frontotemporal dementia panel	CHCHD10, CHMP2B, CSF1R, DCTN1, FUS, GRN, ITM2B, MAPT, PRNP, PSEN1, PSEN2, SIGMAR1, TARDBP, TREM2, TUBA4A, UBQLN2, VCP		2.425,00 €		PSEN1, PSEN2, GRN, MAPT	655,00 €		
Gastric cancer panel, targeted	BMPR1A, CDH1, EPCAM, MLH1, MSH2, MSH6, PMS1, PMS2, SMAD4		1.492,00 €		MSH2, EPCAM, MSH6, MLH1, SMAD4, CDH1, BMPR1A, PMS2	1.638,00 €		

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Glaucoma panel	ACVR1, ASB10, BEST1, CANT1, COL18A1, CYP1B1, FOXC1, LMX1B, LOXL1, LTBP2, MYOC, NTF4, OPTN, PAX6, PITX2, PITX3, SBF2, WDR36	3.650,00 €	2.225,00 €	1.725,00 €	SBF2, PITX2, PAX6, LMX1B, BEST1, FOXC1, CYP1B1	1.966,00 €		x
Global infertility panel	AR, CATSPER1, CFTR, FSHB, FSHR, HESX1, LHB, LHCGR, NR5A1, POU1F1, SRY		2.880,00 €		AR, CFTR, HESX1, NR5A1, POU1F1	1.310,00 €		
Glycogen storage disease panel (basic)	G6PC, SLC37A4, AGL, GBE1	3.650,00 €	1.955,00 €	1.725,00 €				x
Glycogen storage disease panel (advanced)	GYS1, GYS2, G6PC, SLC37A4, GAA, AGL, GBE1, PYGM, PYGL, PFKM, PHKA2, PGAM2, LDHA, ALDOA, ENO3, PHKB, PHKA1, PGM1, GYG1, PRKAG2, PHKG2	3.650,00 €	1.955,00 €	1.725,00 €	GAA	328,00 €		x
Hemophagocytic Lymphohistiocytosis panel	PRF1, UNC13D, STX11, STXB2P2	3.650,00 €	1.955,00 €	1.725,00 €	UNC13D, STX11, PRF1	328,00 €		x
Hereditary hemorrhagic telangiectasia panel	ACVRL1, ADAM17, ENG, GDF2, PTPN14, RASA1, SMAD4	3.650,00 €	1.955,00 €	1.725,00 €	ENG, RASA1, SMAD4, ACVRL1	983,00 €		
Hermansky-Pudlak syndrome panel	HPS1, AP3B1, HPS3, HPS4, HPS5, HPS6, DTNBP1, BLOC1S3	3.650,00 €	1.955,00 €	1.725,00 €				x
Heterotaxy panel	ACVR2B, CFAP53, CFC1, CRELD1, FOXH1, GDF1, LEFTY2, MMP21, NKX2-5, NODAL, ZIC3	3.650,00 €	2.225,00 €	1.725,00 €	NKX2-5, ACVR2B, ZIC3, CFC1, NODAL	655,00 €		x
Hirschsprung disease panel	ECE1, EDN3, EDNRB, GDNF, KIF1BP, NRG1, NRTN, RET, SOX10, ZEB2	3.650,00 €	2.225,00 €	1.725,00 €	SOX10, GDNF, ZEB2, EDN3, EDNRB, NRTN, RET	655,00 €		x
Holoprosencephaly panel	CDON, FGF8, GLI2, GLI3, PTCH1, SHH, SIX3, TGIF1, ZIC2	3.650,00 €	2.225,00 €	1.725,00 €	SHH, GLI2, PTCH1, SIX3, TGIF1, GLI3, ZIC2	983,00 €		
Hyperekplexia panel	ARHGEF9, GLRA1, GLRB, GPHN, SLC6A5	3.650,00 €	1.955,00 €	1.725,00 €	GLRA1, SLC6A5, GLRB	328,00 €		x
Hyperinsulinemic hypoglycemia panel	ABCC8, GCK, GLUD1, HADH, INSR, KCNJ11, SLC16A1	3.650,00 €	1.955,00 €	1.725,00 €	ABCC8, GCK, KCNJ11	983,00 €		x
Hypomagnesemia panel	CLDN16, CLDN19, CNNM2, EGF, FXYD2, KCNA1, SLC12A3, TRPM6	3.650,00 €	1.955,00 €	1.725,00 €	SLC12A3, KCNA1	655,00 €		x
Ichthyosis extended panel	ABCA12, ALOX12B, ALOXE3, AP1S1, CERS3, CLDN1, CYP4F22, EBP, ERCC2, ERCC3, FLG, GJB2, GJB3, GJB4, GTF... (for the complete list please visit https://www.centogene.com)	3.650,00 €	1.955,00 €	1.725,00 €	GJB3, STS, GJB2	655,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Intrahepatic cholestasis panel	ABCB11, ABCB4, ATP8B1, UGT1A1	3.650,00 €	1.955,00 €	1.725,00 €	ABCB4	328,00 €		x
Joubert syndrome panel	AHI1, ARL13B, B9D1, B9D2, C5orf42, CC2D2A, CEP290, CEP41, CSPP1, EXOC8, GLI3, INPP5E, KIF7, MKS1, NE... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	NPHP1	328,00 €		x
Kallmann syndrome and Hypogonadotropic hypogonadism panel	ANOS1, CHD7, DUSP6, FEZF1, FGF17, FGF8, FGFR1, FLRT3, FSHB, GNRH1, GNRHR, HESX1, HS6ST1, IL17RD, KIS... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	CHD7, FGFR1, GNRH1, GNRHR, HESX1, ANOS1, KISS1R, PROK2, PROKR2	1.310,00 €		x
Klippel-feil syndrome panel	GDF3, GDF6, MEOX1, MYO18B	3.650,00 €	1.955,00 €	1.725,00 €				x
Leber congenital amaurosis panel	AIPL1, CABP4, CEP290, CRB1, CRX, GUCY2D, IMPDH1, IQCB1, KCNJ13, LCA5, LRAT, NMNAT1, OTX2, RD3, RDH12, RPE65, RPGRIP1, SPATA7, TULP1	3.650,00 €	1.955,00 €	1.725,00 €	RPE65, GUCY2D, CRX, RPGRIP1, IMPDH1, CEP290, LCA5, RDH12, AIPL1, CRB1	983,00 €		
Leber optic atrophy panel	MT-ATP6, MT-CO1, MT-CO3, MT-CYB, MT-ND1, MT-ND2, MT-ND4, MT-ND4L, MT-ND5, MT-ND6		562,00 €					x
Leigh syndrome and mitochondrial encephalopathy panel	ACAD9, COQ8A, AIFM1, APTX, ATPAF2, BCS1L, TWNK, NDUFAF6, COQ2, COQ9, COX10, COX15, COX6B1, DARS2, DG... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	TWINK, SDHAF1, SUCLA2, COX10, APTX, SUCLG1, MPV17, DGUOK, PDHA1, SDHA, FH, TK2	2.621,00 €		x
Leukodystrophy and peroxisome biogenesis disorders panel	ABCD1, AIMP1, ARSA, ASPA, BEST1, CSF1R, CYP27A1, DARS2, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, FA2H... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	TREX1, PEX11B, PLP1, NOTCH3, BEST1, RNASEH2B, MLC1, SAMHD1, SDHAF1, LMNB1, RNASEH2A, SOX10,	3.604,00 €		x
Lipodystrophy panel	AGPAT2, BSCL2, CAV1, CIDEC, LIPE, LMNA, PIK3R1, PLIN1, PPARG, PTRF	3.650,00 €	1.955,00 €	1.725,00 €	PPARG, LMNA	655,00 €		
Lissencephaly and brain malformation panel	ACTB, ACTG1, ADGRG1, ARX, CDK5, COL6A1, COL6A2, COL6A3, DCX, DYNC1H1, EOMES, FKRP, FKTN, ISPD, KATNB... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	ARX, POMGNT1, DCX, LARGE, LAMA2, POMT1, FKRP, VLDLR, LMNA, POMT2, YWHAE, PAFAH1B1, FKTN	2.948,00 €		
Long QT syndrome panel	AKAP9, ANK2, CACNA1C, CALM1, CALM2, CALM3, CAV3, KCNE1, KCNE2, KCNH2, KCNJ2, KCNJ5, KCNQ1, SCN4B, SCN5A, SNTA1, TRDN	3.650,00 €	1.955,00 €	1.725,00 €	KCNE2, SCN5A, CAV3, KCNQ1, KCNH2, KCNE1, KCNJ2	1.310,00 €		x
Lysosomal storage disease panel	ARSA, FUCA1, GALC, GBA, GLB1, GNPTAB, GUSB, HEXA, HEXB, MAN2B1, MANBA, NAGA, SMPD1	3.650,00 €	1.955,00 €	1.725,00 €	HEXA, SMPD1, GALC	983,00 €		x
Male infertility panel	AR, CATSPER1, CFTR, FSHR, LHCGR		2.880,00 €		CFTR, AR	655,00 €		
Malignant hyperthermia panel	CACNA1S, RYR1	3.650,00 €	1.955,00 €	1.725,00 €	RYR1, CACNA1S	983,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Maple syrup urine disease panel	BCKDHA, BCKDHB, DBT, DLD	3.650,00 €	1.955,00 €	1.725,00 €				x
Marfan, Loey-Dietz syndrome and related disorders panel	COL3A1, COL5A1, COL5A2, EFEMP2, FBN1, FBN2, NOTCH1, SKI, SLC2A10, SMAD2, SMAD3, TGFB2, TGFB3, TGFB1, TGFB2	3.650,00 €	1.955,00 €	1.725,00 €	TGFB1, FBN1, COL5A1, TGFB3, COL3A1, TGFB2	2.293,00 €		x
Meckel syndrome panel	MKS1, TMEM216, TMEM67, CEP290, RPGRIP1L, CC2D2A, NPHP3, TCTN2, B9D1, B9D2, TMEM231	3.650,00 €	1.955,00 €	1.725,00 €				x
Megaloblastic anemia panel	AMN, CUBN, GIF	3.650,00 €	1.955,00 €	1.725,00 €				x
Melanoma panel	BAP1, CDK4, CDKN2A, MITF, TERT	3.650,00 €	1.955,00 €	1.725,00 €	BAP1, CDKN2A, CDK4, MITF, TERT	1.638,00 €		
Mental retardation, X-linked panel	ABCD1, ACSL4, AFF2, AP1S2, ARHGEF6, ARHGEF9, ARX, ATP6AP2, ATP7A, ATRX, BCOR, BRWD3, CASK, CDKL5, CU... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	IDS, IL1RAPL1, L1CAM, MECP2, MID1, MTM1, NDP, NLGN4X, OPHN1, OTC, PAK3, PCDH19, PLP1, PQBP1,	3.931,00 €		x
Metabolic myopathies panel	ABHD5, ACADVL, AGL, CPT2, ENO3, ETFA, ETFB, ETFDH, GAA, GBE1, GYG1, GYS1, LDHA, LPIN1, PFKM, PGAM2, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SLC22A5, GAA, ACADVL	655,00 €		x
Metaphyseal dysplasia panel	ANKH, CDKN1C, FLNA, MMP9, MMP13, NKX3-2, RMRP, RUNX2	3.650,00 €	1.955,00 €	1.725,00 €	CDKN1C, RUNX2, FLNA	983,00 €		x
Methylmalonic acidemia panel (basic)	MCEE, MAAA, MMAB, MMADHC, MUT	3.650,00 €	1.955,00 €	1.725,00 €				x
Methylmalonic acidemia panel (advanced)	ABCD4, ACSF3, CD320, LMBRD1, MCEE, MLYCD, MAAA, MMAB, MMACHC, MMADHC, MTR, MTRR, MUT, SUCLA2, SUCLG1	3.650,00 €	1.955,00 €	1.725,00 €	SUCLA2, SUCLG1, MLYCD	655,00 €		x
Micro syndrome panel	ALDH18A1, CREBBP, CUL7, RAB18, RAB3GAP1, RAB3GAP2, TBC1D20	3.650,00 €	1.955,00 €	1.725,00 €	CREBBP	328,00 €		
Microcephaly panel	AKT3, AP4M1, ARFGEF2, ASPM, ASXL3, ATR, ATRX, CASC5, CASK, CDK5RAP2, CDK6, CENPE, CENPF, CENPJ, CEP1... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	STIL, MCPH1, CASK, CDK5RAP2, ASPM, CENPJ, ATRX, ATR, ZEB2	1.638,00 €		
Microphthalmia/anophthalmia/coloboma spectrum panel	ABCB6, ALDH1A3, BCOR, BMP4, CHD7, ERCC1, ERCC2, ERCC5, ERCC6, FOXE3, FOXL2, FRAS1, FREM1, FREM2, GDF... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SHH, SIX3, NDP, PAX6, FOXL2, CHD7, BMP4, SOX2	1.966,00 €		
MODY panel	ABCC8, BLK, CEL, GCK, HNF1A, HNF1B, HNF4A, INS, KCNJ11, KLF11, NEUROD1, NKX2-2, PAX4, PDX1, RFX6, ZFP57	3.650,00 €	2.225,00 €	1.725,00 €	ABCC8, CEL, GCK, KCNJ11, HNF4A, PDX1, HNF1A, INS, PAX4, NEUROD1, HNF1B, ZFP57, KLF11	1.310,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Mucopolysaccharidosis panel	ARSB, GALNS, GLB1, GNPTAB, GNPTG, GNS, GUSB, HGSNAT, IDS, IDUA, NAGLU, SGSH	3.650,00 €	1.955,00 €	1.725,00 €	IDS	328,00 €		x
Multiple endocrine neoplasias /paraganglioma/pheochromocytoma panel	CDKN1B, MAX, MEN1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL		1.492,00 €		SDHA, VHL, SDHD, SDHAF2, MAX, CDKN1B, MEN1, SDHB, SDHC, RET	1.966,00 €		
Multiple epiphyseal dysplasia panel	COL2A1, COL9A1, COL9A2, COL9A3, COMP, MATN3, SLC26A2	3.650,00 €	1.955,00 €	1.725,00 €	COL2A1	328,00 €		x
Muscular dystrophy panel	ANO5, CAPN3, CAV3, CLCN1, COL6A1, COL6A2, COL6A3, DAG1, DES, DMD, DNAJB6, DYSF, EMD, FHL1, FKRP, FKT... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	GAA, SGCE, DMD, CLCN1, SGCA, SGCD, POMT1, SGCG, POMGNT1, LAMA2, CAV3, FKRP, LMNA, SGCB,	3.500,00 €		
Muscular dystrophy-dystroglycanopathy type A panel	B3GALNT2, B4GAT1, DAG1, FKRP, FKTN, GMPPB, ISPD, LARGE, POMGNT1, POMGNT2, POMK, POMT1, POMT2, TMEM5	3.650,00 €	1.955,00 €	1.725,00 €	POMT2, POMT1, LARGE, FKRP, FKTN, POMGNT1	1.310,00 €		x
Myeloid Tumor Panel	ASXL1, CEBPA, DNMT3A, ETV6, EZH2, IDH1, IDH2, KIT, KRAS, NPM1, NRAS, PTPN11, RAD21, RUNX1, SF3B1, SMC1A, SMC3, STAG2, TET2, TP53, U2AF1, WT1						1.995,00 €	
Myoclonic dystonia panel	SGCE, DRD2, TOR1A	3.650,00 €	1.955,00 €	1.725,00 €	SGCE, TOR1A	655,00 €		x
Myoclonic epilepsy panel	ASAH1, CACNB4, CERS1, CSTB, DRD2, EFHC1, EPM2A, GABRA1, GABRD, GLDC, GOSR2, NEU1, NHLRC1, NOL3, POLG, PRICKLE1, PRICKLE2, SCARB2, SGCE		2.195,00 €		POLG, GLDC, NHLRC1, SGCE, EPM2A	1.310,00 €		
Myofibrillar myopathy panel	BAG3, CRYAB, DES, DNAJB6, FHL1, FLNC, LDB3, MYOT	3.650,00 €	1.955,00 €	1.725,00 €	MYOT, BAG3	655,00 €		x
Myopathy-rhabdomyolysis syndrome panel	ACAD9, ACADM, ACADVL, AGL, AMPD1, CPT2, ETFA, ETFB, GAA, GYS1, HADHA, HADHB, LPIN1, OPA1, OPA3, PFKM... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SUCLA2, POLG, GAA, RRM2B, TWNK, ACADVL, POLG2, OPA1, TK2	1.638,00 €		x
Nemaline myopathy panel	ACTA1, CFL2, KBTBD13, KLHL40, KLHL41, LMOD3, NEB, TNNT1, TPM2, TPM3	3.650,00 €	1.955,00 €	1.725,00 €				
Neonatal mitochondrial hepatopathies panel	BCS1L, DGUOK, FAH, GFM1, HAMP, MPV17, NBAS, POLG, RRM2B, TFR2, TRMU	3.650,00 €	1.955,00 €	1.725,00 €	TFR2, DGUOK, MPV17, RRM2B, POLG, HAMP	983,00 €		
Nephronophthisis panel	NPHP1, INVS, NPHP3, NPHP4, ANKS6, IQCB1, CEP164, CEP290, GLIS2, RPGRIP1L, NEK8, SDCCAG8, ZNF423	3.650,00 €	2.225,00 €	1.725,00 €	NPHP1	328,00 €		x
Nephrotic syndrome panel	ARHGDI1, DGKE, LAMB2, NPHS1, NPHS2, PLCE1, WT1	3.650,00 €	1.955,00 €	1.725,00 €	WT1	328,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Neurofibromatosis panel	NF1, NF2, SMARCB1, SPRED1		2.225,00 €	1.725,00 €	SMARCB1, SPRED1, NF2, NF1	1.638,00 €		x
Neuronal migration disorders panel	ACTB, ACTG1, ARFGEF2, ARX, COL18A1, COL4A1, CPT2, DCX, EMX2, EOMES, FGFR3, FH, FKRP, FKTN, FLNA, ADG... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	FLNA, FGFR3, POMT2, FH, ARX, POMGNT1, DCX, LARGE, LAMA2, PQBP1, PAX6, POMT1, FKRP, MEF2C,	3.931,00 €		x
Non ketotic hyperglycinemia panel	AMT, GCSH, GLDC		1.955,00 €	1.725,00 €	GLDC, GCSH, AMT	328,00 €		x
Non-dystrophic myotonia congenita panel	ATP2A1, CACNA1S, CAV3, CLCN1, HINT1, HSPG2, KCNA1, KCNE3, SCN4A	3.650,00 €	1.955,00 €	1.725,00 €	KCNA1, CACNA1S, CAV3, CLCN1, SCN4A	1.310,00 €		
Nonsyndromic hypotrichosis panel	APCDD1, CDSN, DSG4, HR, KRT71, KRT74, LIPH, LPAR6, RPL21, SNRPE	3.650,00 €	1.955,00 €	1.725,00 €				
Noonan - CFC syndrome panel	BRAF, CBL, HRAS, KAT6B, KRAS, LZTR1, MAP2K1, MAP2K2, NF1, NRAS, PTPN11, RAF1, RASA2, RIT1, SHOC2, SOS1, SOS2, SPRED1		2.225,00 €	1.725,00 €	NF1, SPRED1	983,00 €		x
Obesity panel	ALMS1, ARL6, BBIP1, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, CEP290, CUL4B, DYRK1B, GNAS, I... (for the complete list please visit https://www.centogene.com)		2.325,00 €		GNAS, LEP, LEPR, MC4R, POMC, SIM1, VPS13B	1.310,00 €		
Oculomotor apraxia panel	APTX, PIK3R5, PNKP, SETX	3.650,00 €	1.955,00 €	1.725,00 €	SETX, APTX	328,00 €		x
Ophthalmoplegia (progressive external) panel	DNA2, OPA1, POLG, POLG2, RRM2B, SLC25A4, TWNK, TYMP	3.650,00 €	1.955,00 €	1.725,00 €	TWNK, POLG2, RRM2B, POLG, OPA1, SLC25A4	983,00 €		x
Optic atrophy panel	ACO2, AFG3L2, C12ORF65, CISD2, MFN2, NR2F1, OPA1, OPA3, RTN4IP1, SLC25A46, SPG7, TIMM8A, TMEM126A, WFS1	3.650,00 €	2.225,00 €	1.725,00 €	WFS1, SPG7, OPA1, MFN2	1.310,00 €		
Osteogenesis imperfecta and low bone density disorders panel	ALPL, BMP1, COL1A1, COL1A2, CREB3L1, CRTAP, FKBP10, IFITM5, P3H1, LRP5, PLOD2, PLS3, PPIB, SERPINF1, SERPINH1, SP7, TMEM38B, WNT1	3.650,00 €	2.225,00 €	1.725,00 €	PLS3, COL1A1, LRP5, COL1A2	1.310,00 €		x
Osteopetrosis and high bone density disorders panel	ANKH, CA2, CLCN7, COL1A1, GJA1, HPGD, LRP5, MTAP, OSTM1, PLEKHM1, PTDSS1, SLCO2A1, SNX10, SOST, TBXAS1, TCIRG1, TGFB1, TNFRSF11A, TNFRSF11B, TNFSF11, TYROBP	3.650,00 €	2.225,00 €	1.725,00 €	COL1A1, LRP5, MTAP	983,00 €		x
Ovarian cancer panel, targeted	BARD1, BRCA1, BRCA2, BRIP1, EPCAM, MLH1, MRE11A, MSH2, MSH6, NBN, PMS1, PMS2, RAD50, RAD51C, RAD51D, STK11, TP53		1.492,00 €		MSH2, BRIP1, RAD51D, RAD50, RAD51C, PMS2, BRCA2, STK11, EPCAM, TP53, MSH6, MLH1, BRCA1	2.950,00 €		
Pancreatic cancer panel, targeted	APC, ATM, BMPR1A, CDKN2A, EPCAM, MLH1, MSH2, MSH6, PALB2, PMS1, PMS2, PRSS1, SMAD4, STK11		1.492,00 €		CDKN2A, MSH2, BMPR1A, PMS2, STK11, PALB2, EPCAM, APC, PRSS1, MSH6, SMAD4, MLH1, ATM	3.450,00 €		

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Pancreatitis panel	CFTR, CPA1, CTRC, PRSS1, SPINK1	3.650,00 €	2.225,00 €	1.725,00 €	SPINK1, CFTR, PRSS1	655,00 €		x
Parkinsons disease panel	ATP13A2, ATP1A3, ATP6AP2, DCTN1, DNAJC6, FBXO7, FTL, FUS, GBA, GCH1, GIGYF2, HTRA2, LRRK2, MAPT, PAR... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	PRKRA, ATP1A3, GCH1, UCHL1, TH, MAPT, PLA2G6, PINK1, ATP13A2, PARK7, LRRK2, SNCA, PARK2	1.966,00 €		
Periodic fever syndrome panel	ELANE, LPIN2, MEFV, MVK, NLRP3, PSTPIP1, TNFRSF1A	3.650,00 €	1.955,00 €	1.725,00 €	MEFV	328,00 €		x
PGL / PCC / GIST panel, targeted	GDNF, KIF1B, MAX, MEN1, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, TP53, VHL		1.492,00 €		GDNF, MAX, MEN1, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TP53, VHL	2.600,00 €		
Pheochromocytoma panel	MAX, PRKAR1A, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL	3.650,00 €	1.955,00 €	1.725,00 €	SDHA, VHL, SDHD, SDHAF2, MAX, SDHB, SDHC	983,00 €		x
Polycystic kidney panel	BICC1, PKD1, PKD2, NOTCH2, PKHD1		2.849,00 €		PKD1, PKD2, PKHD1	1.310,00 €		x
Pontocerebellar hypoplasia panel	CASK, TSEN2, TSEN34, TSEN54, OPHN1, RARS2, VRK1, EXOSC3, CHMP1A	3.650,00 €	1.955,00 €	1.725,00 €	OPHN1, CASK	655,00 €		x
Primary antibody deficiency panel	ADA, AICDA, ATM, BLNK, BTK, CD19, CD40, CD40LG, CD79A, CD79B, CD81, CR2, DCLRE1C, ICOS, IGHM, IGLL1,... (for the complete list please visit https://www.centogene.com)		2.225,00 €	1.725,00 €	XIAP, RAG2, SH2D1A, ATM, PLCG2, DCLRE1C, BTK	2.293,00 €		x
Prostate cancer panel	BRCA1, BRCA2, CHEK2, HOXB13, MLH1, MSH2, MSH6, NBN, PTEN, TP53		1.492,00 €		CHEK2, MSH2, BRCA2, TP53, PTEN, MSH6, MLH1, BRCA1	2.293,00 €		
Pseudohypoaldosteronism panel	CUL3, HSD11B2, KLHL3, NR3C2, SCNN1A, SCNN1B, SCNN1G, WNK1, WNK4	3.650,00 €	1.955,00 €	1.725,00 €				x
Pulmonary hypertension panel	ACVRL1, BMPR1B, BMPR2, CAV1, EIF2AK4, ENG, FOXF1, GDF2, KCNA5, KCNK3, SMAD9		2.225,00 €	1.725,00 €	FOXF1, ENG, BMPR2, ACVRL1	655,00 €		
Refsum disease panel	PEX1, PEX2, PEX26, PEX7, PHYH	3.650,00 €	1.955,00 €	1.725,00 €				x
Renal cancer panel, targeted	EPCAM, FH, FLCN, HNF1A, HNF1B, MET, MITF, MLH1, MSH2, MSH6, PMS1, PMS2, PTEN, SDHB, SDHD, TSC1, TSC2, VHL, WT1		1.492,00 €		MSH2, TSC1, TSC2, WT1, MITF, PMS2, FH, SDHD, VHL, FLCN, EPCAM, HNF1A, PTEN, HNF1B, MSH6, MLH1,	3.800,00 €		
Renal tubular acidosis panel	ATP6V0A4, ATP6V1B1, CA2, EHHADH, HNF4A, SLC34A1, SLC4A1, SLC4A4	3.650,00 €	1.955,00 €	1.725,00 €	HNF4A	328,00 €		

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Retinitis pigmentosa panel, autosomal dominant	ABCA4, BEST1, CA4, CRX, CLRN1, FSCN2, GUCA1B, IMPDH1, KLHL7, NR2E3, NRL, PRPF3, PRPF31, PRPF6, PRPF8... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	PRPH2, RPE65, PRPF31, CRX, RPGR, RP2, RDH12, RHO, BEST1, ABCA4, IMPDH1, RP1	2.293,00 €		x
Retinitis pigmentosa panel, autosomal recessive	ABCA4, ARL6, BBS1, BEST1, C2ORF71, C8ORF37, CERKL, CNGA1, CNGB1, CRB1, DHDDS, EYS, FAM161A, FLVCR1, ... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	EYS, RPE65, RPGR, RP2, RDH12, RHO, BEST1, ABCA4, USH2A, RP1, CRB1	3.276,00 €		x
SCA comprehensive panel	ABCB7, ABHD12, ABHD5, ACADVL, AFG3L2, ANO10, APTX, ATCAY, ATM, ATP2B3, CA8, CACNA1A, CCDC88C, COQ8A,... (for the complete list please visit https://www.centogene.com)		4.825,00 €		SETX, WWOX, APTX, SACS, FXN, ATM, TWNK, ACADVL, PDYN, CACNA1A	2.948,00 €		x
SCA repeat expansion panel	ATN1, ATXN1, ATXN10, ATXN2, ATXN3, ATXN7, ATXN80S, BEAN1, CACNA1A, FXN, NOP56, PPP2R2B, TBP							x
SCA sequencing panel	ABCB7, ABHD12, ABHD5, ACADVL, AFG3L2, ANO10, APTX, ATCAY, ATM, ATP2B3, CA8, CACNA1A, CCDC88C, COQ8A,... (for the complete list please visit https://www.centogene.com)		2.225,00 €		PDYN, SETX, WWOX, APTX, SACS, FXN, ATM, CACNA1A, TWNK, ACADVL	2.948,00 €		x
Seckel syndrome panel	ATR, RBBP8, CENPJ, CEP152, CEP63, ATRIP	3.650,00 €	1.955,00 €	1.725,00 €	ATR, CENPJ	655,00 €		x
Skeletal dysplasia ciliopathy panel	DYNC2H1, EVC, EVC2, IFT43, IFT80, IFT122, IFT140, IFT172, NEK1, TCTN3, TTC21B, WDR19, WDR34, WDR35, WDR60	3.650,00 €	2.225,00 €	1.725,00 €				x
Skeletal dysplasia extended panel	ALPL, ARSE, COL10A1, COL11A1, COL11A2, COL1A1, COL1A2, COL2A1, DDR2, EBP, FGFR3, FLNB, HSPG2, INPPL1... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	COL1A1, FLNB, FGFR3, SOX9, COL1A2, COL2A1, COL11A1	2.621,00 €		x
Skin cancer panel, targeted	CDKN2A, EPCAM, MC1R, MITF, MLH1, MSH2, MSH6, PMS1, PMS2, POT1, PTCH1, XRCC3		1.492,00 €		MSH2, CDKN2A, EPCAM, PTCH1, MSH6, MLH1, MITF, PMS2	1.966,00 €		
SMN negative spinal muscular atrophy panel	ATP7A, BICD2, BSCL2, CHCHD10, DCTN1, DNAJB2, DYNC1H1, EXOSC3, EXOSC8, FBXO38, GARS, HSPB1, HSPB3, HSPB8, IGHMBP2, TRPV4, UBA1, VAPB	3.650,00 €	1.955,00 €	1.725,00 €	HSPB1, IGHMBP2, HSPB8, GARS, ATP7A	983,00 €		
Solid Tumor Panel	ABL1, AKT1, ALK, APC, AR, ARID1A, ASXL1, ATM, AXL, BRAF, CDH1, CDK4, CDKN2A, CTNNB1, DDR2, EGFR, ERB... (for the complete list please visit https://www.centogene.com)						2.900,00 €	
Spastic paraplegia panel complete	ALDH18A1, ALS2, AMPD2, AP4B1, AP4E1, AP4M1, AP4S1, AP5Z1, ARL6IP1, ARSI, ATL1, ATP2B4, B4GALNT1, BIC... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.450,00 €	1.725,00 €	NIPA1, REEP1, SACS, PLP1, SPG7, ATL1, SPG11, SPAST, L1CAM	2.293,00 €		x
Spastic paraplegia panel, autosomal dominant	ALDH18A1, ATL1, ATP2B4, BICD2, BSCL2, HSPD1, KIAA0196, KIF5A, NIPA1, REEP1, RTN2, SLC33A1, SPAST, TTR, VAMP1, ZFYVE27	3.650,00 €	1.955,00 €	1.725,00 €	ATL1, SPAST, NIPA1, REEP1	983,00 €		x
Spastic paraplegia panel, autosomal recessive	ALS2, AMPD2, AP4B1, AP4E1, AP4M1, AP4S1, AP5Z1, ARL6IP1, ARSI, B4GALNT1, C12ORF65, C19orf12, CCT5, C... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €	1.725,00 €	SACS, L1CAM, SPG11, PLP1, SPG7	1.638,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Spherocytosis panel	ANK1, EPB42, SLC4A1, SPTA1, SPTB	3.650,00 €	1.955,00 €	1.725,00 €				x
Stargardt disease panel	ABCA4, BEST1, C1QTNF5, CDH3, CNGB3, ELOVL4, FSCN2, PROM1, PRPH2, RDH12, RP1L1, RPGR, TIMP3	3.650,00 €	2.225,00 €	1.725,00 €	BEST1, ABCA4, RPGR, RDH12, PRPH2	1.638,00 €		x
Stickler syndrome panel	COL2A1, COL9A1, COL9A2, COL11A1, COL11A2	3.650,00 €	1.955,00 €	1.725,00 €	COL2A1, COL11A1	983,00 €		x
Surfactant metabolism dysfunction panel	ABCA3, CSF2RA, CSF2RB, SFTPA1, SFTPB, SFTPC, SFTPD	3.650,00 €	1.955,00 €	1.725,00 €	CSF2RA	328,00 €		x
Susceptibility to atypical mycobacterium disease panel	CYBB, IFNGR1, IFNGR2, IKBKG, IL12A, IL12B, IL12RB1, IL12RB2, IRF8, ISG15, STAT1, TYK2	3.650,00 €	2.155,00 €					x
Syndromic autism panel	ADNP, ADSL, ALDH5A1, AMT, ANKRD11, ARID1B, BRAF, CACNA1C, CDKL5, CHD2, CHD7, CNTNAP2, CREBBP, DHCR7,... (for the complete list please visit https://www.centogene.com)	3.650,00 €	2.225,00 €		SCN1A, SLC6A8, MID1, MECP2, NSD1, ZEB2, FOXP1, NIPBL, PQBP1, ARID1B, TSC2, UBE3A, CDKL5, DHCR7, CHD7,			x
Thrombocytopenia panel	ADAMTS13, ANKRD26, CYCS, GATA1, GP1BA, GP1BB, GP9, ITGA2B, ITGB3, MASTL, MPL, MYH9, RUNX1, WAS	3.650,00 €	1.955,00 €	1.725,00 €	MYH9, RUNX1	655,00 €		x
Thyroid cancer panel, targeted	APC, PTEN, RET		1.492,00 €		APC, PTEN, RET	983,00 €		
Tuberous sclerosis panel	TSC1, TSC2	3.650,00 €	1.955,00 €	1.725,00 €	TSC1, TSC2	655,00 €		x
Ullrich muscular dystrophy panel	COL6A1, COL6A2, COL6A3	3.650,00 €	1.955,00 €	1.725,00 €				x
Urea cycle disorder panel	ARG1, ASL, ASS1, CPS1, NAGS, OTC	3.650,00 €	1.955,00 €	1.725,00 €	OTC	328,00 €		x
Usher syndrome panel	CDH23, CIB2, CLRN1, DFNB31, ADGRV1, MYO7A, PCDH15, PDZD7, USH1C, USH1G, USH2A	3.650,00 €	2.225,00 €	1.725,00 €	USH2A, PCDH15	983,00 €		x
Uterine cancer panel, targeted	EPCAM, MLH1, MSH2, MSH6, PMS1, PMS2, PTEN		1.492,00 €		MSH2, EPCAM, PTEN, MSH6, MLH1, PMS2	1.310,00 €		
Vitreoretinopathy and Wagner syndrome panel	COL2A1, FZD4, LRP5, NDP, TSPAN12, VCAN	3.650,00 €	1.955,00 €	1.725,00 €	FZD4, LRP5, COL2A1, NDP	655,00 €		x

Panel name	Genes	NGS Panel Genomic	NGS Panel Plus	NGS Panel	Genes (deletion/duplication testing)	Deletion/duplication testing	Somatic analysis	Prenatal testing offered
Waardenburg syndrome panel	EDN3, EDNRB, MITF, PAX3, SNAI2, SOX10, TYR	3.650,00 €	1.955,00 €	1.725,00 €	EDN3, MITF, EDNRB, SNAI2, SOX10, PAX3, TYR	1.638,00 €		x
Zellweger syndrome panel	PEX1, PEX2, PEX3, PEX5, PEX6, PEX10, PEX12, PEX13, PEX14, PEX16, PEX19, PEX26	3.650,00 €	1.955,00 €	1.725,00 €				x