
GENETIC TEST:
Neuropathy (gene panel)

FULL NAME:	Neuropathy (gene panel)
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Post-natal Diagnosis
SPECIMEN:	Peripheral (whole) blood on EDTA
METHOD CATEGORY:	Mutation screening and sequence analysis of selected exons
METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504
TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	15 Dec 2021 - 21:40
CHANGED:	21 Dec 2022 - 13:19
URL:	https://www.cmgg.be/assets/bestanden/genpanel-neuropathie-v2.pdf

Source URL: http://gentest.healthdata.be/genetic_test/1064

RELATED CONTENT

Related Laboratories

- [Centrum Medische Genetica - UZ Gent](#)

Related Analytes

- [alanyl-tRNA synthetase 1](#)
- [ATP binding cassette subfamily A member 1](#)
- [abhydrolase domain containing 12, lysophospholipase](#)
- [ATP/GTP binding carboxypeptidase 1](#)
- [alanine--glyoxylate aminotransferase](#)
- [AHNAK nucleoprotein 2](#)
- [apoptosis inducing factor mitochondria associated 1](#)
- [alpha-methylacyl-CoA racemase](#)
- [adaptor related protein complex 1 subunit sigma 1](#)
- [apolipoprotein A1](#)
- [aprataxin](#)
- [androgen receptor](#)
- [Rho guanine nucleotide exchange factor 10](#)
- [arylsulfatase A](#)
- [N-acylsphingosine amidohydrolase 1](#)
- [activating signal cointegrator 1 complex subunit 1](#)
- [ATPase family AAA domain containing 3A](#)
- [atlastin GTPase 1](#)
- [atlastin GTPase 3](#)
- [ATM serine/threonine kinase](#)

- ATPase Na⁺/K⁺ transporting subunit alpha 1
- ATPase copper transporting alpha
- beta-1,4-N-acetyl-galactosaminyltransferase 1
- BAG cochaperone 3
- branched chain keto acid dehydrogenase E1 subunit beta
- BICD cargo adaptor 2
- BSCL2 lipid droplet biogenesis associated, seipin
- chaperonin containing TCP1 subunit 5
- CD59 molecule (CD59 blood group)
- cilia and flagella associated protein 276
- coiled-coil-helix-coiled-coil-helix domain containing 10
- contactin associated protein 1
- cytochrome c oxidase assembly factor 7
- cytochrome c oxidase subunit 6A1
- coproporphyrinogen oxidase
- CTD phosphatase subunit 1
- cytochrome P450 family 27 subfamily A member 1
- aspartyl-tRNA synthetase 2, mitochondrial
- DDB1 and CUL4 associated factor 8
- dynactin subunit 1
- delta 4-desaturase, sphingolipid 1
- diacylglycerol O-acyltransferase 2
- deoxyguanosine kinase
- dehydrogenase E1 and transketolase domain containing 1
- DnaJ heat shock protein family (Hsp40) member B2
- DnaJ heat shock protein family (Hsp40) member C3
- dynammin 2
- DNA methyltransferase 1
- dystrophin related protein 2
- dystonin
- dynein cytoplasmic 1 heavy chain 1
- early growth response 2
- elongator complex protein 1

- ERCC excision repair 6, chromatin remodeling factor
- ERCC excision repair 8, CSA ubiquitin ligase complex subunit
- electron transfer flavoprotein dehydrogenase
- exosome component 3
- exosome component 8
- exosome component 9
- FA complementation group A
- fibulin 5
- F-box protein 38
- FYVE, RhoGEF and PH domain containing 4
- FIG4 phosphoinositide 5-phosphatase
- FLVCR heme transporter 1
- frataxin
- galactosylceramidase
- gigaxonin
- glycyl-tRNA synthetase 1
- glucosylceramidase beta 2
- golgi brefeldin A resistant guanine nucleotide exchange factor 1
- ganglioside induced differentiation associated protein 1
- gap junction protein beta 1
- gap junction protein gamma 2
- galactosidase alpha
- G protein subunit beta 4
- glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase
- gelsolin
- hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha
- hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
- histidyl-tRNA synthetase 1
- hypocretin neuropeptide precursor
- histidine triad nucleotide binding protein 1
- hexokinase 1
- hydroxymethylbilane synthase
- heat shock protein family B (small) member 1

- heat shock protein family B (small) member 3
- heat shock protein family B (small) member 8
- hyccin PI4KA lipid kinase complex subunit 1
- isoleucyl-tRNA synthetase 2, mitochondrial
- immunoglobulin mu DNA binding protein 2
- inverted formin, FH2 and WH2 domain containing
- inositol 1,4,5-trisphosphate receptor type 3
- jagged canonical Notch ligand 1
- lysyl-tRNA synthetase 1
- potassium voltage-gated channel subfamily A member 2
- kinesin family member 1A
- kinesin family member 1B
- kinesin family member 26B
- kinesin family member 5A
- lipopolysaccharide induced TNF factor
- lamin A/C
- leucine rich repeat and sterile alpha motif containing 1
- lysosomal trafficking regulator
- methionyl-tRNA synthetase 1
- minichromosome maintenance complex component 3 associated protein
- mediator complex subunit 12
- mitofusin 2
- microtubule associated monooxygenase, calponin and LIM domain containing 1
- metabolism of cobalamin associated C
- membrane metalloendopeptidase
- MORC family CW-type zinc finger 2
- mitochondrial inner membrane protein MPV17
- myelin protein zero
- myotubularin related protein 2
- mitochondrial translation release factor in rescue
- microsomal triglyceride transfer protein
- myosin heavy chain 7B
- alpha-N-acetylgalactosaminidase

- N-acetyl-alpha-glucosaminidase
- N-myc downstream regulated 1
- neurofilament heavy chain
- neurofilament light chain
- nerve growth factor
- nicotinamide nucleotide adenylyltransferase 2
- neurotrophic receptor tyrosine kinase 1
- outer mitochondrial membrane lipid metabolism regulator OPA3
- pyruvate dehydrogenase E1 subunit alpha 1
- pyruvate dehydrogenase kinase 3
- prodynorphin
- peroxisomal biogenesis factor 10
- peroxisomal biogenesis factor 7
- phytanoyl-CoA 2-hydroxylase
- pleckstrin homology and RhoGEF domain containing G5
- proteolipid protein 1
- phosphomannomutase 2
- peripheral myelin protein 2
- peripheral myelin protein 22
- polynucleotide kinase 3'-phosphatase
- patatin like phospholipase domain containing 6
- DNA polymerase gamma, catalytic subunit
- DNA polymerase gamma 2, accessory subunit
- RNA polymerase III subunit A
- PR/SET domain 12
- protein kinase C gamma
- phosphoribosyl pyrophosphate synthetase 1
- prune exopolyphosphatase 1
- periaxin
- phosphatase and tensin homolog
- protein tyrosine phosphatase non-receptor type 11
- peptidyl-tRNA hydrolase 2
- RAB7A, member RAS oncogene family

- RNA binding motif protein 7
- receptor accessory protein 1
- reticulophagy regulator 1
- sacsin molecular chaperone
- SET binding factor 1
- SET binding factor 2
- scavenger receptor class B member 2
- sodium voltage-gated channel alpha subunit 10
- sodium voltage-gated channel alpha subunit 11
- sodium voltage-gated channel alpha subunit 9
- synthesis of cytochrome C oxidase 2
- SCY1 like pseudokinase 1
- septin 9
- senataxin
- sphingosine-1-phosphate lyase 1
- SH3 domain and tetratricopeptide repeats 2
- sigma non-opioid intracellular receptor 1
- solute carrier family 12 member 6
- solute carrier family 25 member 19
- solute carrier family 25 member 21
- solute carrier family 25 member 46
- solute carrier family 52 member 2
- solute carrier family 52 member 3
- solute carrier family 5 member 7
- survival of motor neuron 1, telomeric
- survival of motor neuron 2, centromeric
- sorbitol dehydrogenase
- SRY-box transcription factor 10
- spastin
- SPG11 vesicle trafficking associated, spatacsin
- SPG7 matrix AAA peptidase subunit, paraplegin
- spectrin alpha, non-erythrocytic 1
- spectrin beta, non-erythrocytic 4

- serine palmitoyltransferase long chain base subunit 1
- serine palmitoyltransferase long chain base subunit 2
- succinate-CoA ligase ADP-forming subunit beta
- SURF1 cytochrome c oxidase assembly factor
- trafficking from ER to golgi regulator
- tripartite motif containing 2
- thyroid hormone receptor interactor 4
- transient receptor potential cation channel subfamily A member 1
- transient receptor potential cation channel subfamily V member 4
- alpha tocopherol transfer protein
- transthyretin
- tubulin beta 3 class III
- twinkle mtDNA helicase
- thymidine phosphorylase
- ubiquitin like modifier activating enzyme 1
- VAMP associated protein B and C
- valosin containing protein
- vacuolar protein sorting 13 homolog A
- VRK serine/threonine kinase 1
- tryptophanyl-tRNA synthetase 1
- WNK lysine deficient protein kinase 1
- X-linked Kx blood group antigen, Kell and VPS13A binding protein
- XPA, DNA damage recognition and repair factor
- X-ray repair cross complementing 1
- tyrosyl-tRNA synthetase 1
- zinc finger FYVE-type containing 26

Related Gene Panels

- Neuropathy panel - UGent

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