

GENETIC TEST:
Hereditary spastic paraplegia (gene panel - 249 genes)

FULL NAME:	Hereditary spastic paraplegia (gene panel - 249 genes)
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Post-natal Diagnosis
SPECIMEN:	Peripheral (whole) blood on EDTA
METHOD CATEGORY:	Sequence analysis: entire coding region Deletion/duplication analysis Whole Exome Sequencing (WES)
METHOD TECHNIQUE:	Next Generation Sequencing (NGS) MLPA based techniques
RIZIV CODE:	565493-565504
ACCREDITATION (ISO 15189):	2021-03-25 / 2024-09-09
EQA:	• Ataxia and spastic paraplegias, • Ataxia and spastic paraplegias

TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	22 Aug 2019 - 12:41
CHANGED:	19 Jan 2024 - 09:24
URL:	https://ulbgenetics.be/compendium-des-analyses/#GM60

Source URL: http://gentest.healthdata.be/genetic_test/600

RELATED CONTENT

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Related Analytes

- [ATP binding cassette subfamily D member 1](#)
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- [AFG3 like matrix AAA peptidase subunit 2](#)
- [aminoacyl tRNA synthetase complex interacting multifunctional protein 1](#)
- [aldehyde dehydrogenase 18 family member A1](#)
- [aldehyde dehydrogenase 3 family member A2](#)
- [alsin Rho guanine nucleotide exchange factor ALS2](#)
- [adenosine monophosphate deaminase 2](#)
- [angiogenin](#)
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- [adaptor related protein complex 4 subunit epsilon 1](#)
- [adaptor related protein complex 4 subunit mu 1](#)
- [adaptor related protein complex 4 subunit sigma 1](#)
- [adaptor related protein complex 5 subunit zeta 1](#)
- [arginase 1](#)
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- [arylsulfatase family member I](#)
- [aspartoacylase](#)
- [ATPase family AAA domain containing 3A](#)

- atlastin GTPase 1
- ATPase cation transporting 13A2
- AU RNA binding methylglutaconyl-CoA hydratase
- beta-1,4-N-acetyl-galactosaminyltransferase 1
- BICD cargo adaptor 2
- BSCL2 lipid droplet biogenesis associated, seipin
- biotinidase
- chromosome 19 open reading frame 12
- calpain 1
- chaperonin containing TCP1 subunit 5
- cyclin dependent kinase 16
- CLN8 transmembrane ER and ERGIC protein
- Coenzyme A synthase
- carnitine palmitoyltransferase 1C
- colony stimulating factor 1 receptor
- catenin beta 1
- cytochrome P450 family 27 subfamily A member 1
- cytochrome P450 family 2 subfamily U member 1
- cytochrome P450 family 7 subfamily B member 1
- aspartyl-tRNA synthetase 1
- aspartyl-tRNA synthetase 2, mitochondrial
- DDHD domain containing 1
- DDHD domain containing 2
- dual serine/threonine and tyrosine protein kinase
- ELOVL fatty acid elongase 4
- ectonucleoside triphosphate diphosphohydrolase 1
- ERCC excision repair 2, TFIIH core complex helicase subunit
- ER lipid raft associated 1
- ER lipid raft associated 2
- exosome component 3
- fatty acid 2-hydroxylase
- phenylalanyl-tRNA synthetase 2, mitochondrial
- F-box protein 7

- FIG4 phosphoinositide 5-phosphatase
- fibronectin leucine rich transmembrane protein 1
- FERM domain containing 7
- FUS RNA binding protein
- frataxin
- glutamate decarboxylase 1
- galactosylceramidase
- gigaxonin
- glycyl-tRNA synthetase 1
- phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
- glucosylceramidase beta 1
- glucosylceramidase beta 2
- 1,4-alpha-glucan branching enzyme 1
- GTP cyclohydrolase 1
- glial fibrillary acidic protein
- gap junction protein alpha 1
- gap junction protein gamma 2
- galactosidase beta 1
- glutaredoxin 5
- glycolipid transfer protein
- G protein-coupled receptor 143
- gelsolin
- HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1
- hepatic and glial cell adhesion molecule
- hexosaminidase subunit alpha
- hydroxysteroid 17-beta dehydrogenase 4
- heat shock protein family D (Hsp60) member 1
- hyccin PI4KA lipid kinase complex subunit 1
- iron-sulfur cluster assembly factor IBA57
- interferon induced with helicase C domain 1
- interferon regulatory factor 2 binding protein like
- potassium inwardly rectifying channel subfamily J member 6
- potassium calcium-activated channel subfamily M alpha 1

- lysine demethylase 5C
- kinase D interacting substrate 220
- kinesin family member 1A
- kinesin family member 1C
- kinesin family member 5A
- kinesin light chain 2
- kinesin light chain 4
- L1 cell adhesion molecule
- L-2-hydroxyglutarate dehydrogenase
- laminin subunit beta 1
- lysosomal trafficking regulator
- methionyl-tRNA synthetase 1
- methionyl-tRNA synthetase 2, mitochondrial
- mediator complex subunit 12
- mitofusin 2
- modulator of VRAC current 1
- mitochondrial poly(A) polymerase
- mitochondrial translation release factor in rescue
- N-acetylneuraminate synthase
- neurofilament light chain
- neurite extension and migration factor
- NIPA magnesium transporter 1
- NK6 homeobox 2
- 5'-nucleotidase, cytosolic II
- occludin
- outer mitochondrial membrane lipid metabolism regulator OPA3
- optineurin
- pantothenate kinase 2
- prodynorphin
- post-GPI attachment to proteins inositol deacylase 1
- phospholipase A2 group VI
- proteolipid protein 1
- patatin like phospholipase domain containing 6

- RNA polymerase III subunit A
- RNA polymerase III subunit B
- protein phosphatase 2 regulatory subunit Bbeta
- prune exopolyphosphatase 1
- presenilin 1
- pumilio RNA binding family member 1
- RAB18, member RAS oncogene family
- RAB3 GTPase activating protein catalytic subunit 1
- RAB3 GTPase activating non-catalytic protein subunit 2
- arginyl-tRNA synthetase 1
- receptor accessory protein 1
- receptor accessory protein 2
- reticulophagy regulator 1
- ribonuclease H2 subunit A
- ribonuclease H2 subunit B
- ribonuclease H2 subunit C
- ribonuclease T2
- reticulon 2
- sacsin molecular chaperone
- sterile alpha motif domain containing 9 like
- SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1
- serine active site containing 1
- senataxin
- SIL1 nucleotide exchange factor
- solute carrier family 16 member 2
- solute carrier family 25 member 15
- solute carrier family 25 member 46
- solute carrier family 2 member 1
- solute carrier family 33 member 1
- solute carrier family 39 member 14
- sphingomyelin phosphodiesterase 1
- superoxide dismutase 1
- SRY-box transcription factor 10

- spartin
- spastin
- SPG11 vesicle trafficking associated, spatacsin
- SPG21 abhydrolase domain containing, maspardin
- SPG7 matrix AAA peptidase subunit, paraplegin
- sepiapterin reductase
- Sad1 and UNC84 domain containing 1
- spectrin repeat containing nuclear envelope protein 1
- transport and golgi organization 2 homolog
- TAR DNA binding protein
- TBC1 domain family member 20
- tectonin beta-propeller repeat containing 2
- trafficking from ER to golgi regulator
- transglutaminase 6
- tyrosine hydroxylase
- transient receptor potential cation channel subfamily V member 4
- tau tubulin kinase 2
- tubulin beta 4A class IVa
- tubulin gamma 1
- ubiquilin 2
- ubiquitin C-terminal hydrolase L1
- ubiquitin specific peptidase 8
- vesicle associated membrane protein 1
- VAMP associated protein B and C
- valosin containing protein
- vacuolar protein sorting 13 homolog B
- VPS37A subunit of ESCRT-I
- WASH complex subunit 5
- WD repeat domain 45
- WD repeat domain 45B
- WD repeat domain 48
- zinc finger C4H2-type containing
- zinc finger RNA binding protein

- [zinc finger FYVE-type containing 26](#)
- [zinc finger FYVE-type containing 27](#)

Related Gene Panels

- [Hereditary spastic paraplegia \(188 genes\) - ULB](#)

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