

GENETIC TEST:
Cerebral palsy (gene panel)

FULL NAME:	Cerebral palsy (gene panel)
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 Whole Exome Sequencing (WES)
METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504
ACCREDITATION (ISO 15189):	2023-11-09 / 2024-05-08
EQA:	• Severe Developmental Delay
TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	20 Aug 2019 - 11:13

CHANGED:	22 Jan 2024 - 13:37
URL:	https://labogidsmedgen.uza.be/analyses/whole-exome-sequencing-wes-ikv-cerebrale...

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RELATED CONTENT

Related Laboratories

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

Related Analytes

- [acyl-CoA oxidase 1](#)
- [actin alpha 2, smooth muscle](#)
- [adenosine deaminase 2](#)
- [adenylate cyclase 5](#)
- [adducin 3](#)
- [AFG3 like matrix AAA peptidase subunit 2](#)
- [Abelson helper integration site 1](#)
- [aminoacyl tRNA synthetase complex interacting multifunctional protein 1](#)
- [AKT serine/threonine kinase 3](#)
- [aldehyde dehydrogenase 3 family member A2](#)
- [aldehyde dehydrogenase 5 family member A1](#)
- [alsin Rho guanine nucleotide exchange factor ALS2](#)
- [adenosine monophosphate deaminase 2](#)
- [aminomethyltransferase](#)
- [adaptor related protein complex 4 subunit beta 1](#)
- [adaptor related protein complex 4 subunit epsilon 1](#)
- [adaptor related protein complex 4 subunit mu 1](#)
- [adaptor related protein complex 4 subunit sigma 1](#)
- [arginase 1](#)
- [arylsulfatase A](#)

- aristaless related homeobox
- aspartoacylase
- ATPase family AAA domain containing 3A
- atlastin GTPase 1
- ATM serine/threonine kinase
- ATPase copper transporting beta
- activator of transcription and developmental regulator AUTS2
- branched chain keto acid dehydrogenase E1 subunit alpha
- branched chain keto acid dehydrogenase E1 subunit beta
- BSCL2 lipid droplet biogenesis associated, seipin
- biotinidase
- calcium voltage-gated channel subunit alpha1 A
- cyclin dependent kinase like 5
- centrosomal protein 290
- CLN3 lysosomal/endosomal transmembrane protein, battenin
- collagen type IV alpha 1 chain
- collagen type IV alpha 2 chain
- coenzyme Q8A
- catenin beta 1
- cytochrome P450 family 2 subfamily U member 1
- cytochrome P450 family 7 subfamily B member 1
- aspartyl-tRNA synthetase 1
- dihydrolipoamide branched chain transacylase E2
- dopa decarboxylase
- DDHD domain containing 1
- DDHD domain containing 2
- deoxyguanosine kinase
- dihydrolipoamide dehydrogenase
- dual specificity tyrosine phosphorylation regulated kinase 1A
- eukaryotic translation initiation factor 2B subunit alpha
- eukaryotic translation initiation factor 2B subunit beta
- eukaryotic translation initiation factor 2B subunit gamma
- eukaryotic translation initiation factor 2B subunit delta

- eukaryotic translation initiation factor 2B subunit epsilon
- elongator acetyltransferase complex subunit 2
- EPH receptor B4
- ER lipid raft associated 2
- coagulation factor X
- F-box protein 31
- fumarate hydratase
- FLVCR heme transporter 2
- forkhead box C1
- forkhead box G1
- glutamate decarboxylase 1
- galactosylceramidase
- galactose-1-phosphate uridylyltransferase
- guanidinoacetate N-methyltransferase
- glucosylceramidase beta 1
- GTP cyclohydrolase 1
- glycine cleavage system protein H
- glial fibrillary acidic protein
- gap junction protein gamma 2
- galactosidase beta 1
- glycine decarboxylase
- glycine receptor alpha 1
- ganglioside GM2 activator
- G protein subunit alpha o1
- G protein subunit beta 1
- gephyrin
- glutamate ionotropic receptor delta type subunit 2
- glutamate ionotropic receptor NMDA type subunit 1
- glutamate ionotropic receptor NMDA type subunit 2B
- HESX homeobox 1
- hexosaminidase subunit alpha
- heat shock protein nuclear import factor hikiishi
- hypoxanthine phosphoribosyltransferase 1

- heat shock protein family D (Hsp60) member 1
- hyccin PI4KA lipid kinase complex subunit 1
- interferon induced with helicase C domain 1
- ISG15 ubiquitin like modifier
- inositol 1,4,5-trisphosphate receptor type 1
- junctional adhesion molecule 3
- KN motif and ankyrin repeat domains 1
- potassium voltage-gated channel subfamily C member 3
- potassium voltage-gated channel subfamily Q member 2
- lysine demethylase 5C
- kinase D interacting substrate 220
- kinesin family member 1A
- kinesin family member 1C
- kinesin family member 5A
- L1 cell adhesion molecule
- L-2-hydroxyglutarate dehydrogenase
- laminin subunit alpha 2
- methionyl-tRNA synthetase 2, mitochondrial
- microcephalin 1
- methyl-CpG binding protein 2
- methylmalonyl-CoA mutase
- molybdenum cofactor synthesis 1
- molybdenum cofactor synthesis 2
- methylenetetrahydrofolate reductase
- mechanistic target of rapamycin kinase
- mitochondrial poly(A) polymerase
- mitochondrial translation release factor in rescue
- microsomal triglyceride transfer protein
- NIPA magnesium transporter 1
- NK2 homeobox 1
- NK6 homeobox 2
- notch receptor 3
- NPC intracellular cholesterol transporter 1

- NPC intracellular cholesterol transporter 2
- nephrocystin 1
- 5'-nucleotidase, cytosolic II
- platelet activating factor acetylhydrolase 1b regulatory subunit 1
- p21 (RAC1) activated kinase 3
- pantothenate kinase 2
- propionyl-CoA carboxylase subunit alpha
- propionyl-CoA carboxylase subunit beta
- phosphate cytidyltransferase 2, ethanolamine
- pyruvate dehydrogenase E1 subunit alpha 1
- pyruvate dehydrogenase complex component X
- phytanoyl-CoA 2-hydroxylase
- phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha
- phospholipase A2 group VI
- phospholipase A2 activating protein
- proteolipid protein 1
- phosphomannomutase 2
- purine nucleoside phosphorylase
- DNA polymerase gamma, catalytic subunit
- RNA polymerase I and III subunit C
- RNA polymerase III subunit A
- RNA polymerase III subunit B
- palmitoyl-protein thioesterase 1
- pyrroline-5-carboxylate reductase 2
- quinoid dihydropteridine reductase
- arginyl-tRNA synthetase 1
- RAS p21 protein activator 1
- receptor accessory protein 1
- ribonuclease H2 subunit A
- ribonuclease H2 subunit B
- ribonuclease H2 subunit C
- ribonuclease T2
- reticulon 2

- sacsin molecular chaperone
- SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1
- sodium voltage-gated channel alpha subunit 8
- selenoprotein I
- Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase
- sonic hedgehog signaling molecule
- SIX homeobox 3
- solute carrier family 16 member 2
- solute carrier family 17 member 5
- solute carrier family 19 member 3
- solute carrier family 2 member 1
- solute carrier family 5 member 6
- solute carrier family 6 member 1
- solute carrier family 6 member 5
- spastin
- SPG11 vesicle trafficking associated, spatacsin
- SPG7 matrix AAA peptidase subunit, paraplegin
- sepiapterin reductase
- spectrin beta, non-erythrocytic 2
- ST3 beta-galactoside alpha-2,3-sialyltransferase 5
- signal transducer and activator of transcription 2
- stimulator of interferon response cGAMP interactor 1
- syntaxin binding protein 1
- sulfite oxidase
- SURF1 cytochrome c oxidase assembly factor
- TATA-box binding protein associated factor 2
- tectonin beta-propeller repeat containing 2
- TGFB induced factor homeobox 1
- tyrosine hydroxylase
- tripeptidyl peptidase 1
- trafficking protein particle complex subunit 12
- three prime repair exonuclease 1
- tRNA splicing endonuclease subunit 15

- [tRNA splicing endonuclease subunit 2](#)
- [tRNA splicing endonuclease subunit 54](#)
- [alpha tocopherol transfer protein](#)
- [tubulin alpha 1a](#)
- [tubulin alpha 8](#)
- [tubulin beta class I](#)
- [tubulin beta 2A class IIa](#)
- [tubulin beta 2B class IIb](#)
- [tubulin beta 3 class III](#)
- [tubulin beta 4A class IVa](#)
- [tubulin gamma 1](#)
- [ubiquitin protein ligase E3A](#)
- [ubiquitin specific peptidase 18](#)
- [VPS11 core subunit of CORVET and HOPS complexes](#)
- [VPS37A subunit of ESCRT-I](#)
- [VPS53 subunit of GARP complex](#)
- [YY1 associated protein 1](#)
- [zinc finger and BTB domain containing 18](#)
- [zinc finger C4H2-type containing](#)
- [zinc finger FYVE-type containing 26](#)
- [Zic family member 2](#)

Related Gene Panels

- [Cerebral palsy \(212 genes\) - UZA](#)

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