

GENETIC TEST:
Retinal dystrophy / RETNET (gene panel)

FULL NAME:	Retinal dystrophy / RETNET (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) Deletion/duplication analysis
METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504
ACCREDITATION (ISO 15189):	2021-09-11 / 2026-09-10
TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	01 Aug 2019 - 14:29
CHANGED:	31 Jan 2023 - 14:39

Source URL: http://gentest.healthdata.be/genetic_test/358

RELATED CONTENT

Related Laboratories

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

Related Analytes

- [ATP binding cassette subfamily A member 4](#)
- [ATP binding cassette subfamily C member 6](#)
- [abhydrolase domain containing 12, lysophospholipase](#)
- [acyl-CoA binding domain containing 5](#)
- [aconitase 2](#)
- [ADAM metallopeptidase domain 9](#)
- [ADAM metallopeptidase with thrombospondin type 1 motif 18](#)
- [adhesion G protein-coupled receptor A3](#)
- [adhesion G protein-coupled receptor V1](#)
- [adiponectin receptor 1](#)
- [AFG3 like matrix AAA peptidase subunit 2](#)
- [AGBL carboxypeptidase 5](#)
- [Abelson helper integration site 1](#)
- [aryl hydrocarbon receptor](#)
- [aryl hydrocarbon receptor interacting protein like 1](#)
- [ALMS1 centrosome and basal body associated protein](#)
- [Rho/Rac guanine nucleotide exchange factor 18](#)
- [ADP ribosylation factor like GTPase 2 binding protein](#)
- [ADP ribosylation factor like GTPase 3](#)
- [ADP ribosylation factor like GTPase 6](#)

- age-related maculopathy susceptibility 2
- arylsulfatase G
- asparaginase and isoaspartyl peptidase 1
- activating transcription factor 6
- ataxin 7
- BBSome interacting protein 1
- Bardet-Biedl syndrome 1
- Bardet-Biedl syndrome 10
- Bardet-Biedl syndrome 12
- Bardet-Biedl syndrome 2
- Bardet-Biedl syndrome 4
- Bardet-Biedl syndrome 5
- Bardet-Biedl syndrome 7
- Bardet-Biedl syndrome 9
- bestrophin 1
- complement C2
- complement C3
- carbonic anhydrase 4
- calcium binding protein 4
- calcium voltage-gated channel subunit alpha1 F
- calcium voltage-gated channel auxiliary subunit alpha2delta 4
- calpain 5
- coiled-coil and C2 domain containing 2A
- chaperonin containing TCP1 subunit 2
- cadherin related 23
- cadherin 3
- cadherin related family member 1
- centrosomal protein 164
- centrosomal protein 19
- centrosomal protein 250
- centrosomal protein 290
- centrosomal protein 78
- ceramide kinase like

- cilia and flagella associated protein 410
- cilia and flagella associated protein 418
- complement factor B
- complement factor H
- CHM Rab escort protein
- calcium and integrin binding family member 2
- chloride channel CLIC like 1
- CLN3 lysosomal/endosomal transmembrane protein, battenin
- clarin 1
- clusterin associated protein 1
- cyclic nucleotide gated channel subunit alpha 1
- cyclic nucleotide gated channel subunit alpha 3
- cyclic nucleotide gated channel subunit beta 1
- cyclic nucleotide gated channel subunit beta 3
- cyclin and CBS domain divalent metal cation transport mediator 4
- collagen type XI alpha 1 chain
- collagen type II alpha 1 chain
- collagen type IX alpha 1 chain
- crumbs cell polarity complex component 1
- cone-rod homeobox
- centrosome and spindle pole associated protein 1
- catenin alpha 1
- CWC27 spliceosome associated cyclophilin
- cytochrome P450 family 4 subfamily V member 2
- dehydrodolichyl diphosphate synthase subunit
- DEAH-box helicase 38
- dystrophin
- DNA damage regulated autophagy modulator 2
- death domain containing 1
- dynein cytoplasmic 2 heavy chain 1
- EGF containing fibulin extracellular matrix protein 1
- ELOVL fatty acid elongase 1
- ELOVL fatty acid elongase 4

- ER membrane protein complex subunit 1
- ERCC excision repair 6, chromatin remodeling factor
- espin
- exosome component 2
- eyes shut homolog
- FAM161 centrosomal protein A
- fibulin 5
- fibrillin 2
- FLVCR heme transporter 1
- fascin actin-bundling protein 2, retinal
- frizzled class receptor 4
- growth differentiation factor 6
- G protein subunit alpha transducin 1
- G protein subunit alpha transducin 2
- G protein subunit beta 3
- N-acetylglucosamine-1-phosphate transferase subunit gamma
- G-patch domain and KOW motifs
- G protein-coupled receptor 179
- glutamate ionotropic receptor delta type subunit 2
- G protein-coupled receptor kinase 1
- glutamate metabotropic receptor 6
- guanylate cyclase activator 1A
- guanylate cyclase activator 1B
- guanylate cyclase 2D, retinal
- histidyl-tRNA synthetase 1
- heparan-alpha-glucosaminide N-acetyltransferase
- hexokinase 1
- hemicentin 1
- H6 family homeobox 1
- HtrA serine peptidase 1
- isocitrate dehydrogenase (NAD(+)) 3 catalytic subunit alpha
- isocitrate dehydrogenase (NAD(+)) 3 non-catalytic subunit beta
- intraflagellar transport 140

- [intraflagellar transport 172](#)
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- [intraflagellar transport 43](#)
- [intraflagellar transport 81](#)
- [intraflagellar transport 88](#)
- [inosine monophosphate dehydrogenase 1](#)
- [interphotoreceptor matrix proteoglycan 1](#)
- [interphotoreceptor matrix proteoglycan 2](#)
- [inositol polyphosphate-5-phosphatase E](#)
- [inversin](#)
- [IQ motif containing B1](#)
- [integral membrane protein 2B](#)
- [jagged canonical Notch ligand 1](#)
- [potassium inwardly rectifying channel subfamily J member 13](#)
- [potassium voltage-gated channel modifier subfamily V member 2](#)
- [KIAA1549](#)
- [kinesin family member 11](#)
- [kinesin family member 3B](#)
- [kizuna centrosomal protein](#)
- [kelch like family member 7](#)
- [laminin subunit alpha 1](#)
- [laminin subunit beta 2](#)
- [lebercilin LCA5](#)
- [lecithin retinol acyltransferase](#)
- [leucine rich repeat, Ig-like and transmembrane domains 3](#)
- [LDL receptor related protein 5](#)
- [leucine zipper transcription factor like 1](#)
- [male germ cell associated kinase](#)
- [MAPK activated protein kinase 3](#)
- [microtubule associated protein RP/EB family member 2](#)
- [mediator complex subunit 12](#)
- [MER proto-oncogene, tyrosine kinase](#)
- [mitofusin 2](#)

- membrane frizzled-related protein
- major facilitator superfamily domain containing 8
- microRNA 204
- MKKS centrosomal shuttling protein
- MKS transition zone complex subunit 1
- mitochondrial translation release factor in rescue
- microsomal triglyceride transfer protein
- mevalonate kinase
- myosin VIIA
- NBAS subunit of NRZ tethering complex
- norrin cystine knot growth factor NDP
- NIMA related kinase 2
- neuronal differentiation 1
- nicotinamide nucleotide adenylyltransferase 1
- nephrocystin 1
- nephrocystin 3
- nephrocystin 4
- nuclear receptor subfamily 2 group E member 3
- nuclear receptor subfamily 2 group F member 1
- neural retina leucine zipper
- nyctalopin
- ornithine aminotransferase
- OFD1 centriole and centriolar satellite protein
- outer mitochondrial membrane lipid metabolism regulator OPA3
- opsin 1, long wave sensitive
- opsin 1, medium wave sensitive
- opsin 1, short wave sensitive
- orthodenticle homeobox 2
- pantothenate kinase 2
- paired box 2
- photoreceptor cilium actin regulator
- protocadherin related 15
- phosphate cytidylyltransferase 1A, choline

- phosphodiesterase 6A
- phosphodiesterase 6B
- phosphodiesterase 6C
- phosphodiesterase 6G
- phosphodiesterase 6H
- PDZ domain containing 7
- peroxisomal biogenesis factor 1
- peroxisomal biogenesis factor 2
- peroxisomal biogenesis factor 6
- peroxisomal biogenesis factor 7
- phosphoglycerate kinase 1
- phytanoyl-CoA 2-hydroxylase
- PITPNM family member 3
- phospholipase A2 group V
- polo like kinase 4
- patatin like phospholipase domain containing 6
- POC1 centriolar protein B
- POC5 centriolar protein
- protein O-linked mannose N-acetylglucosaminyltransferase 1 (beta 1,2-)
- photoreceptor disc component
- PR/SET domain 13
- prominin 1
- pre-mRNA processing factor 3
- pre-mRNA processing factor 31
- pre-mRNA processing factor 4
- pre-mRNA processing factor 6
- pre-mRNA processing factor 8
- peripherin 2
- phosphoribosyl pyrophosphate synthetase 1
- RAB28, member RAS oncogene family
- retina and anterior neural fold homeobox 2
- RB transcriptional corepressor 1
- retinol binding protein 3

- retinol binding protein 4
- RCC1 and BTB domain containing protein 1
- RD3 regulator of GUCY2D
- retinol dehydrogenase 11
- retinol dehydrogenase 12
- retinol dehydrogenase 5
- receptor accessory protein 6
- retinal G protein coupled receptor
- regulator of G protein signaling 9 binding protein
- rhodopsin
- regulating synaptic membrane exocytosis 1
- regulating synaptic membrane exocytosis 2
- retinaldehyde binding protein 1
- retinal outer segment membrane protein 1
- RP1 like 1
- RP2 activator of ARL3 GTPase
- RP9 pre-mRNA splicing factor
- retinoid isomerohydrolase RPE65
- retinitis pigmentosa GTPase regulator
- RPGR interacting protein 1
- RPGRIP1 like
- retinoschisin 1
- reticulon 4 interacting protein 1
- S-antigen visual arrestin
- sterile alpha motif domain containing 11
- sterile alpha motif domain containing 7
- S-phase cyclin A associated protein in the ER
- sodium channel and clathrin linker 1
- SHH signaling and ciliogenesis regulator SDCCAG8
- semaphorin 4A
- splicing factor 3b subunit 2
- solute carrier family 24 member 1
- solute carrier family 25 member 46

- solute carrier family 6 member 6
- solute carrier family 7 member 14
- small nuclear ribonucleoprotein U5 subunit 200
- spermatogenesis associated 7
- TEA domain transcription factor 1
- translocase of inner mitochondrial membrane 8A
- TIMP metalloproteinase inhibitor 3
- toll like receptor 3
- toll like receptor 4
- transmembrane protein 126A
- transmembrane protein 216
- transmembrane protein 237
- TOP1 binding arginine/serine rich protein, E3 ubiquitin ligase
- three prime repair exonuclease 1
- tripartite motif containing 32
- tRNA nucleotidyl transferase 1
- transient receptor potential cation channel subfamily M member 1
- tetraspanin 12
- tetratricopeptide repeat domain 8
- tubulin tyrosine ligase like 5
- alpha tocopherol transfer protein
- TUB bipartite transcription factor
- tubulin gamma complex associated protein 4
- tubulin gamma complex associated protein 6
- TUB like protein 1
- unc-119 lipid binding chaperone
- USH1 protein network component harmonin
- USH1 protein network component sans
- usherin
- versican
- WD repeat containing planar cell polarity effector
- WD repeat domain 19
- wolframin ER transmembrane glycoprotein

- [whirlin](#)
- [zinc finger protein 408](#)
- [zinc finger protein 423](#)
- [zinc finger protein 513](#)

Related Gene Panels

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