

GENETIC TEST:

Neuromuscular disorders (232 genes (= myopathy, metabolic myopathy, ion channel muscle diseases, muscular dystrophy, myotonic dystrophy, rhabdomyolysis, myasthenia))

FULL NAME:	Neuromuscular disorders (232 genes (= myopathy, metabolic myopathy, ion channel muscle diseases, muscular dystrophy, myotonic dystrophy, rhabdomyolysis, myasthenia))
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DESCRIPTION:	ABHD5, ACAD9, ACADL, ACADM, ACADS, ACADVL, ACTA1, ACTN2, ACVR1, ADSSL1, AGL, AGRN, ALDOA, ALG13, ALG14, ALG2, AMPD1, ANO5, ATP1A2, ATP2A1, B3GALNT2, B4GAT1, BAG3, BIN1, BVES, CACNA1A, CACNA1H, CACNA1S, CAPN3, CASQ1, CAV3, CAVIN1, CCDC78, CFL2, CHAT, CHD8, CHKB, CHRNA1, CHRNB1, CHRND, CHRNE, CHRNG, CLCN1, CNTN1, COL12A1, COL13A1, COL6A1, COL6A2, COL6A3, COLQ, CPT2, CRYAB, DAG1, DCST2, DES, DMD, DMPK, DNA2, DNAJB6, DNM2, DOK7, DOLK, DPAGT1, DPM1, DPM2, DPM3, DYSF, ECEL1, EMD, ENO3, ETFA, ETFB, ETFDH, EXOSC3, FHL1, FKBP14, FKRP, FKTN, FLAD1, FLNC, FXR1, GAA, GBE1, GFPT1, GGPS1, GMPPB, GNE, GOLGA2, GYG1, GYS1, HACD1, HADH, HADHA, HADHB, HINT1, HNRNPA1, HNRNPA2B1, HNRNPDL, HRAS, HSPB1, HSPB8, HSPG2, INPP5K, ISCU, ISPD = CRPPA, ITGA7, KBTBD13, KCNA1, KCNE3, KCNJ18, KCNJ2, KLHL40, KLHL41, KLHL9, KY, LAMA2, LAMA5, LAMB2, LAMP2, LARGE1, LDB3, LDHA, LIMS2, LMNA, LMOD3, LPIN1, LRP4, MAP3K20, MATR3, MB, MEGF10, MSTN, MTM1, MTMR14, MUSK, MYBPC1, MYBPC3, MYF6, MYH14, MYH2, MYH3, MYH7, MYH8, MYL1, MYL2, MYMK, MYO18B, MYO9A, MYOT, MYPN, NEB, OPA1, ORAI1, P4HA1, PABPN1, PAX7, PDHA1, PFKM, PGAM2, PGK1, PGM1, PHKA1, PHKB, PLEC, PNPLA2, PNPLA8, POGLUT1, POLG, POLG2, POMGNT1, POMGNT2, POMK, POMT1, POMT2, POPDC3, PREPL, PRKAG2, PYGM, PYROXD1, RAPSN, RBCK1, RXYLT1, RYR1, RYR3, SBDS, SCN4A, SELENON, SGCA, SGCB, SGCD, SGCG, SIL1, SLC16A1, SLC18A3, SLC22A5, SLC25A20, SLC5A7, SMCHD1, SNAP25, SPEG, SPTBN4, SQSTM1, STAC3, STIM1, SYNE1, SYNE2, SYT2, TAZ, TCAP, TIA1, TK2, TMEM126B, TMEM43, TNNI2, TNNT1, TNNT3, TNPO3, TOP3A, TOR1AIP1, TPM2, TPM3, TRAPPCL11, TRDN, TRIM32, TRIM63, TRIP4, TSEN54, TTN, UNC45B, VAMP1, VCP, VMA21
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
METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504

TURNAROUND TIME (MAXIMUM):	6 - 9 months
CREATED:	22 Jul 2019 - 10:29
CHANGED:	19 Oct 2021 - 09:20
URL:	https://laboboeken.nexuzhealth.com/pboek/internet/GHB%20CME/15332

Source URL: http://gentest.healthdata.be/genetic_test/123

RELATED CONTENT

Related Laboratories

- [Centrum Menselijke Erfelijkhed - KUL](#)

Related Analytes

- [abhydrolase domain containing 5, lysophosphatidic acid acyltransferase](#)
- [acyl-CoA dehydrogenase family member 9](#)
- [acyl-CoA dehydrogenase long chain](#)
- [acyl-CoA dehydrogenase medium chain](#)
- [acyl-CoA dehydrogenase short chain](#)
- [acyl-CoA dehydrogenase very long chain](#)
- [actin alpha 1, skeletal muscle](#)
- [actinin alpha 2](#)
- [activin A receptor type 1](#)
- [adenylosuccinate synthase 1](#)
- [amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase](#)
- [agrin](#)
- [aldolase, fructose-bisphosphate A](#)
- [ALG13 UDP-N-acetylglucosaminyltransferase subunit](#)
- [ALG14 UDP-N-acetylglucosaminyltransferase subunit](#)
- [ALG2 alpha-1,3/1,6-mannosyltransferase](#)
- [adenosine monophosphate deaminase 1](#)
- [anoctamin 5](#)
- [ATPase Na+/K+ transporting subunit alpha 2](#)
- [ATPase sarcoplasmic/endoplasmic reticulum Ca2+ transporting 1](#)

- beta-1,3-N-acetylgalactosaminyltransferase 2
- beta-1,4-glucuronyltransferase 1
- BAG cochaperone 3
- bridging integrator 1
- blood vessel epicardial substance
- calcium voltage-gated channel subunit alpha1 A
- calcium voltage-gated channel subunit alpha1 H
- calcium voltage-gated channel subunit alpha1 S
- calpain 3
- calsequestrin 1
- caveolin 3
- caveolae associated protein 1
- coiled-coil domain containing 78
- complement factor H
- cofilin 2
- choline O-acetyltransferase
- chromodomain helicase DNA binding protein 8
- choline kinase beta
- cholinergic receptor nicotinic alpha 1 subunit
- cholinergic receptor nicotinic beta 1 subunit
- cholinergic receptor nicotinic delta subunit
- cholinergic receptor nicotinic epsilon subunit
- cholinergic receptor nicotinic gamma subunit
- chloride voltage-gated channel 1
- contactin 1
- collagen type XII alpha 1 chain
- collagen type XIII alpha 1 chain
- collagen type VI alpha 1 chain
- collagen type VI alpha 2 chain
- collagen type VI alpha 3 chain
- collagen like tail subunit of asymmetric acetylcholinesterase
- corin, serine peptidase
- carnitine palmitoyltransferase 2

- CDP-L-ribitol pyrophosphorylase A
- crystallin alpha B
- dystroglycan 1
- DC-STAMP domain containing 2
- desmin
- dystrophin
- DM1 protein kinase
- DNA replication helicase/nuclease 2
- DnaJ heat shock protein family (Hsp40) member B6
- dynamin 2
- docking protein 7
- dolichol kinase
- dolichyl-phosphate N-acetylglucosaminephosphotransferase 1
- dolichyl-phosphate mannosyltransferase subunit 1, catalytic
- dolichyl-phosphate mannosyltransferase subunit 2, regulatory
- dolichyl-phosphate mannosyltransferase subunit 3, regulatory
- dysferlin
- endothelin converting enzyme like 1
- emerin
- enolase 3
- electron transfer flavoprotein subunit alpha
- electron transfer flavoprotein subunit beta
- electron transfer flavoprotein dehydrogenase
- exosome component 3
- FKBP prolyl isomerase 14
- fukutin related protein
- fukutin
- flavin adenine dinucleotide synthetase 1
- filamin C
- FMR1 autosomal homolog 1
- alpha glucosidase
- 1,4-alpha-glucan branching enzyme 1
- glutamine--fructose-6-phosphate transaminase 1

- geranylgeranyl diphosphate synthase 1
- GDP-mannose pyrophosphorylase B
- glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase
- golgin A2
- glycogenin 1
- glycogen synthase 1
- 3-hydroxyacyl-CoA dehydratase 1
- hydroxyacyl-CoA dehydrogenase
- hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha
- hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
- histidine triad nucleotide binding protein 1
- heterogeneous nuclear ribonucleoprotein A1
- heterogeneous nuclear ribonucleoprotein A2/B1
- heterogeneous nuclear ribonucleoprotein D like
- HRas proto-oncogene, GTPase
- heat shock protein family B (small) member 1
- heat shock protein family B (small) member 8
- heparan sulfate proteoglycan 2
- inositol polyphosphate-5-phosphatase K
- iron-sulfur cluster assembly enzyme
- integrin subunit alpha 7
- kelch repeat and BTB domain containing 13
- potassium voltage-gated channel subfamily A member 1
- potassium voltage-gated channel subfamily E regulatory subunit 3
- potassium inwardly rectifying channel subfamily J member 18
- potassium inwardly rectifying channel subfamily J member 2
- kelch like family member 40
- kelch like family member 41
- kelch like family member 9
- kyphoscoliosis peptidase
- laminin subunit alpha 2
- laminin subunit alpha 5
- laminin subunit beta 2

- [lysosomal associated membrane protein 2](#)
- [LARGE xylosyl- and glucuronyltransferase 1](#)
- [LIM domain binding 3](#)
- [lactate dehydrogenase A](#)
- [LIM zinc finger domain containing 2](#)
- [lamin A/C](#)
- [leiomodin 3](#)
- [lipin 1](#)
- [mitogen-activated protein kinase kinase kinase 20](#)
- [matrin 3](#)
- [myoglobin](#)
- [mediator complex subunit 12](#)
- [multiple EGF like domains 10](#)
- [myostatin](#)
- [myotubularin 1](#)
- [myotubularin related protein 14](#)
- [muscle associated receptor tyrosine kinase](#)
- [myosin binding protein C1](#)
- [myosin binding protein C3](#)
- [myogenic factor 6](#)
- [myosin heavy chain 2](#)
- [myosin heavy chain 3](#)
- [myosin heavy chain 7](#)
- [myosin heavy chain 7B](#)
- [myosin heavy chain 8](#)
- [myosin light chain 1](#)
- [myosin light chain 2](#)
- [myomaker, myoblast fusion factor](#)
- [myosin XVIIIB](#)
- [myosin IXA](#)
- [myotilin](#)
- [myopalladin](#)
- [nebulin](#)

- ORAI calcium release-activated calcium modulator 1
- prolyl 4-hydroxylase subunit alpha 1
- poly(A) binding protein nuclear 1
- paired box 7
- pyruvate dehydrogenase E1 subunit alpha 1
- phosphofructokinase, muscle
- phosphoglycerate mutase 2
- phosphoglycerate kinase 1
- phosphoglucomutase 1
- phosphorylase kinase regulatory subunit alpha 1
- phosphorylase kinase regulatory subunit beta
- plectin
- patatin like phospholipase domain containing 2
- patatin like phospholipase domain containing 8
- protein O-glucosyltransferase 1
- DNA polymerase gamma, catalytic subunit
- DNA polymerase gamma 2, accessory subunit
- protein O-linked mannose N-acetylglucosaminyltransferase 1 (beta 1,2-)
- protein O-linked mannose N-acetylglucosaminyltransferase 2 (beta 1,4-)
- protein O-mannose kinase
- protein O-mannosyltransferase 1
- protein O-mannosyltransferase 2
- popeye domain containing 3
- prolyl endopeptidase like
- protein kinase AMP-activated non-catalytic subunit gamma 2
- glycogen phosphorylase, muscle associated
- pyridine nucleotide-disulphide oxidoreductase domain 1
- receptor associated protein of the synapse
- RANBP2-type and C3HC4-type zinc finger containing 1
- ribitol xylosyltransferase 1
- ryanodine receptor 1
- ryanodine receptor 3
- SBDS ribosome maturation factor

- sodium voltage-gated channel alpha subunit 4
- selenoprotein N
- sarcoglycan alpha
- sarcoglycan beta
- sarcoglycan delta
- sarcoglycan gamma
- SIL1 nucleotide exchange factor
- solute carrier family 16 member 1
- solute carrier family 18 member A3
- solute carrier family 22 member 5
- solute carrier family 25 member 20
- solute carrier family 5 member 7
- structural maintenance of chromosomes flexible hinge domain containing 1
- synaptosome associated protein 25
- striated muscle enriched protein kinase
- spectrin beta, non-erythrocytic 4
- sequestosome 1
- SH3 and cysteine rich domain 3
- stromal interaction molecule 1
- spectrin repeat containing nuclear envelope protein 1
- spectrin repeat containing nuclear envelope protein 2
- synaptotagmin 2
- titin-cap
- TIA1 cytotoxic granule associated RNA binding protein
- thymidine kinase 2
- transmembrane protein 126B
- transmembrane protein 43
- troponin I2, fast skeletal type
- troponin T1, slow skeletal type
- troponin T3, fast skeletal type
- transportin 3
- DNA topoisomerase III alpha
- torsin 1A interacting protein 1

- [tropomyosin 2](#)
- [tropomyosin 3](#)
- [trafficking protein particle complex subunit 11](#)
- [tradin](#)
- [tripartite motif containing 32](#)
- [tripartite motif containing 63](#)
- [thyroid hormone receptor interactor 4](#)
- [tRNA splicing endonuclease subunit 54](#)
- [titin](#)
- [unc-45 myosin chaperone B](#)
- [vesicle associated membrane protein 1](#)
- [valosin containing protein](#)
- [vacuolar ATPase assembly factor VMA21](#)
- [WW domain containing transcription regulator 1](#)

Related Gene Panels

- [Neuromuscular disorders \(232 genes\) - KUL](#)

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