GENETIC TEST:
Cardiomyopathy, hereditary (gene panel)

FULL NAME:	Cardiomyopathy, hereditary (gene panel)
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Carrier diagnosis, Mutation confirmation, Post-natal Diagnosis, Pre-implantation genetic diagnosis, Predictive and Pre-symptomatic diagnosis, Prenatal diagnosis
SPECIMEN:	Peripheral (whole) blood on EDTA, Frozen tissue, Fresh tissue, Chorionic villi, Amniotic fluid, Cell culture
METHOD CATEGORY:	Sequence analysis: entire coding region Mutation screening and sequence analysis of selected exons

METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504
ACCREDITATION (ISO 15189):	2021-10-07 / 2026-06-14
EQA:	• Arrhythmia & Cardiomyopathies, • Arrhythmia & Cardiomyopathies, • cardiac disorders, • cardiac disorders
TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	23 Aug 2019 - 17:07
CHANGED:	01 Mar 2023 - 16:31
URL:	https://laboguide.uzbrussel.be/laboguide#Analyses:Cardiomyopathie&&&&&2790&COLL…

RELATED CONTENT

Related Diseases

- ATTRV122I amyloidosis
- ATTRV30M amyloidosis
- Andersen-Tawil syndrome
- Atrial septal defect, ostium secundum type
- Atrial standstill
- Atypical hemolytic-uremic syndrome with H factor anomaly
- Autosomal dominant Emery-Dreifuss muscular dystrophy
- Barth syndrome
- Brugada syndrome
- Carvajal syndrome
- Catecholaminergic polymorphic ventricular tachycardia
- Congenital cataract-hypertrophic cardiomyopathy-mitochondrial myopathy syndrome
- Congenital fiber-type disproportion myopathy
- Costello syndrome
- Dilated cardiomyopathy with ataxia
- Early-onset myopathy with fatal cardiomyopathy
- Erythrokeratodermia-cardiomyopathy syndrome
- FKRP-related limb-girdle muscular dystrophy R9
- Fabry disease
- Familial atrial fibrillation
- Familial dilated cardiomyopathy with conduction defect due to LMNA mutation
- Familial isolated arrhythmogenic ventricular dysplasia, biventricular form
- Familial isolated arrhythmogenic ventricular dysplasia, left dominant form
- Familial isolated arrhythmogenic ventricular dysplasia, right dominant form
- Familial isolated congenital asplenia
- Familial isolated dilated cardiomyopathy

- Familial isolated restrictive cardiomyopathy
- Familial progressive cardiac conduction defect
- Familial short QT syndrome
- Familial thoracic aortic aneurysm and aortic dissection
- Fatal infantile cytochrome C oxidase deficiency
- Fatal infantile hypertonic myofibrillar myopathy
- Friedreich ataxia
- Glycogen storage disease due to LAMP-2 deficiency
- Glycogen storage disease due to acid maltase deficiency, infantile onset
- Late-onset distal myopathy, Markesbery-Griggs type
- Left ventricular noncompaction
- Leigh syndrome with leukodystrophy
- Naxos disease
- Noonan syndrome
- Noonan syndrome with multiple lentigines
- Romano-Ward syndrome
- Sensorineural deafness with dilated cardiomyopathy
- Very long chain acyl-CoA dehydrogenase deficiency
- X-linked Emery-Dreifuss muscular dystrophy

Related Laboratories

- Centrum Medische Genetica - UZ Brussel VUB

Related Analytes

- ATP binding cassette subfamily C member 9
- acyl-CoA dehydrogenase family member 9
- acyl-CoA dehydrogenase very long chain
- angiotensin I converting enzyme

- actin alpha 1, skeletal muscle
- actin alpha cardiac muscle 1
- actinin alpha 2
- adducin 3
- adrenoceptor beta 2
- angiotensin II receptor type 1
- alanine--glyoxylate aminotransferase
- A-kinase anchoring protein 9
- alpha kinase 3
- ankyrin repeat domain 1
- apolipoprotein A1
- beta-2-microglobulin
- BAG cochaperone 3
- B-Raf proto-oncogene, serine/threonine kinase
- calcium voltage-gated channel subunit alpha1 C
- calcium voltage-gated channel auxiliary subunit beta 2
- calmodulin 1
- calmodulin 2
- calmodulin 3
- calreticulin 3
- calsequestrin 2
- castor zinc finger 1
- caveolin 3
- caveolae associated protein 4
- Cbl proto-oncogene
- cadherin 2
- complement factor H
- cholinergic receptor muscarinic 2
- cardiomyopathy associated 5
- CCHC-type zinc finger nucleic acid binding protein
- cytochrome c oxidase assembly factor 5
- cytochrome c oxidase assembly factor 6
- cytochrome c oxidase assembly factor heme A:farnesyltransferase COX10

- cytochrome c oxidase assembly homolog COX15
- crystallin alpha B
- cysteine and glycine rich protein 3
- cardiotrophin 1
- catenin alpha 3
- desmin
- discs large MAGUK scaffold protein 1
- dystrophin
- DnaJ heat shock protein family (Hsp40) member C19
- dynamin 1 like
- dolichol kinase
- desmocollin 3
- desmoglein 2
- desmoplakin
- dystrobrevin alpha
- ECRG4 augurin precursor
- elaC ribonuclease Z 2
- elastin
- emerin
- EYA transcriptional coactivator and phosphatase 4
- F-box protein 32
- four and a half LIM domains 2
- formin homology 2 domain containing 3
- fukutin related protein
- fukutin
- filamin C
- fms related receptor tyrosine kinase 1
- forkhead box D4
- frataxin
- alpha glucosidase
- GATA binding protein 4
- GATA binding protein 5
- GATA binding protein 6

- GATA zinc finger domain containing 1
- galactosidase alpha
- GTP binding protein 3, mitochondrial
- 3-hydroxyacyl-CoA dehydratase 1
- hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
- heart and neural crest derivatives expressed 1
- hyperpolarization activated cyclic nucleotide gated potassium channel 4
- Hypoxia-inducible factor 1, alpha submit
- HRas proto-oncogene, GTPase
- heat shock protein family B (small) member 6
- heat shock protein family B (small) member 7
- integrin linked kinase
- INS-IGF2 readthrough
- ISL LIM homeobox 1
- junctophilin 2
- junction plakoglobin
- lysyl-tRNA synthetase 1
- lysine acetyltransferase 2B
- potassium voltage-gated channel subfamily D member 2
- potassium voltage-gated channel subfamily E regulatory subunit 1
- potassium voltage-gated channel subfamily H member 2
- potassium inwardly rectifying channel subfamily J member 12
- potassium voltage-gated channel subfamily Q member 1
- kinesin family member 20A
- Kruppel like factor 10
- laminin subunit alpha 2
- laminin subunit alpha 4
- lysosomal associated membrane protein 2
- LIM domain binding 3
- lamin A/C
- leucine rich repeat containing 10
- mitogen-activated protein kinase kinase 1
- mitogen-activated protein kinase kinase 2

- mediator complex subunit 12
- MIB E3 ubiquitin protein ligase 1
- MIB E3 ubiquitin protein ligase 2
- mitochondrial ribosomal protein L3
- mitochondrial ribosomal protein L44
- mitochondrial tRNA translation optimization 1
- myosin binding protein C3
- myosin heavy chain 15
- myosin heavy chain 6
- myosin heavy chain 7
- myosin heavy chain 7B
- myosin light chain 2
- myosin light chain 3
- myosin light chain kinase 2
- myosin VI
- myomesin 1
- myomesin 3
- myozenin 1
- myozenin 2
- myopalladin
- N-alpha-acetyltransferase 10, NatA catalytic subunit
- nuclear receptor coactivator 6
- NADH:ubiquinone oxidoreductase complex assembly factor 1
- NADH:ubiquinone oxidoreductase core subunit V2
- nebulin
- nebulette
- nexilin F-actin binding protein
- NK2 homeobox 5
- natriuretic peptide A
- nebulin related anchoring protein
- obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF
- obscurin like cytoskeletal adaptor 1
- PDZ and LIM domain 3

- plakophilin 2
- plectin
- pleckstrin homology and RUN domain containing M2
- phospholamban
- phosphopantothenoylcysteine synthetase
- PR/SET domain 16
- protein kinase AMP-activated non-catalytic subunit gamma 2
- prion protein
- presenilin 1
- presenilin 2
- phosphatase and tensin homolog
- protein tyrosine phosphatase non-receptor type 11
- Raf-1 proto-oncogene, serine/threonine kinase
- RAN guanine nucleotide release factor
- RNA binding motif protein 20
- Ras like without CAAX 1
- ribosomal protein SA
- Ras related GTP binding C
- rhotekin 2
- ryanodine receptor 2
- S100 calcium binding protein A1
- sodium voltage-gated channel beta subunit 4
- sodium voltage-gated channel alpha subunit 5
- succinate dehydrogenase complex flavoprotein subunit A
- sarcoglycan beta
- sarcoglycan delta
- sarcoglycan gamma
- serum/glucocorticoid regulated kinase 1
- SHOC2 leucine rich repeat scaffold protein
- solute carrier family 12 member 1
- solute carrier family 22 member 5
- solute carrier family 25 member 3
- solute carrier family 25 member 4

- structural maintenance of chromosomes 1A
- syntrophin alpha 1
- superoxide dismutase 2
- SOS Ras/Rac guanine nucleotide exchange factor 1
- spectrin repeat containing nuclear envelope protein 1
- spectrin repeat containing nuclear envelope protein 2
- synemin
- TATA-box binding protein associated factor, RNA polymerase I subunit A
- Tax1 binding protein 3
- T-box transcription factor 20
- T-box transcription factor 5
- titin-cap
- transcription factor 21
- transforming growth factor beta 3
- tight junction protein 1
- thymidine kinase 2
- transmembrane p24 trafficking protein 4
- transmembrane protein 43
- transmembrane protein 87B
- thymopoietin
- troponin I3, cardiac type
- TNNI3 interacting kinase
- troponin T2, cardiac type
- troponin T3, fast skeletal type
- tropomyosin 1
- tripartite motif containing 54
- tripartite motif containing 55
- tripartite motif containing 63
- transient receptor potential cation channel subfamily M member 4
- Ts translation elongation factor, mitochondrial
- titin
- transthyretin
- thioredoxin reductase 2

- vinculin
- Vascular endothelium growth factor A
- WW domain containing transcription regulator 1
- tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon
- zinc finger and BTB domain containing 17

Related Gene Panels

- Cardiomyopathy, hereditary (208 genes) - VUB
