GENETIC TEST:
Primary cardiac arrhythmias (Atrial fibrillation / Brugada syndome / Catech. polymorphic ventricular tachycardia / Early repolaristion syndrome / Ideopathic ventricular fibrillation / Long QT syndrome / Sick sinus syndrome / Short QT syndrome) (gene pane)

FULL NAME:	Primary cardiac arrhythmias (Atrial fibrillation / Brugada syndome / Catech. polymorphic ventricular tachycardia / Early repolaristion syndrome / Ideopathic ventricular fibrillation / Long QT syndrome / Sick sinus syndrome / Short QT syndrome) (gene pane)
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, Cell culture, Skin fibroblasts

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
EQA:	• Arrhythmia & Cardiomyopathies, • Arrhythmia & Cardiomyopathies, • Cardiac Arrhythmias , • cardiac disorders, • cardiac disorders
TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	28 Aug 2019 - 09:16
CHANGED:	09 Mar 2023 - 16:25
URL:	https://laboguide.uzbrussel.be/laboguide#Analyses:Primair cardiale aritmie

RELATED CONTENT

Related Diseases

- Andersen-Tawil syndrome
- Brugada syndrome
- Catecholaminergic polymorphic ventricular tachycardia
- Early repolarization syndrome
- Familial atrial fibrillation
- Familial long QT syndrome
- Familial progressive cardiac conduction defect
- Familial short QT syndrome
- Familial sick sinus syndrome
- Hypokalemic periodic paralysis
- Idiopathic ventricular fibrillation, non Brugada type
- Jervell and Lange-Nielsen syndrome
- Romano-Ward syndrome

Related Laboratories

- Centrum Medische Genetica - UZ Brussel VUB

Related Analytes

- ATP binding cassette subfamily C member 9
- actinin alpha 2
- adrenoceptor beta 1

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- angiotensin II receptor type 1
- alanine--glyoxylate aminotransferase 2
- A-kinase anchoring protein 9
- ALG10 alpha-1,2-glucosyltransferase B
- ankyrin 2
- BAG cochaperone 3
- calcium voltage-gated channel subunit alpha1 C
- calcium voltage-gated channel auxiliary subunit alpha2delta 1
- calcium voltage-gated channel auxiliary subunit alpha2delta 4
- calcium voltage-gated channel auxiliary subunit beta 2
- calmodulin 1
- calmodulin 2
- calmodulin 3
- calsequestrin 2
- caveolin 3
- citron rho-interacting serine/threonine kinase
- creatine kinase, mitochondrial 2
- C-reactive protein
- cysteine and glycine rich protein 3
- catenin alpha 3
- discoidin domain receptor tyrosine kinase 2
- DEP domain containing 5, GATOR1 subcomplex subunit
- dipeptidyl peptidase like 6
- desmocollin 3
- desmoglein 2
- desmoplakin
- emerin
- fibroblast growth factor 12
- GATA binding protein 4
- GATA binding protein 5
- GATA binding protein 6
- gap junction protein alpha 5

- glycerol-3-phosphate dehydrogenase 1 like
- hyperpolarization activated cyclic nucleotide gated potassium channel 4
- HSPA1L
- junctophilin 2
- junction plakoglobin
- potassium voltage-gated channel subfamily A member 5
- potassium voltage-gated channel subfamily A regulatory beta subunit 2
- potassium voltage-gated channel subfamily B member 2
- potassium voltage-gated channel subfamily D member 3
- potassium voltage-gated channel subfamily E regulatory subunit 1
- potassium voltage-gated channel subfamily E regulatory subunit 2
- potassium voltage-gated channel subfamily E regulatory subunit 3
- potassium voltage-gated channel subfamily E regulatory subunit 4
- potassium voltage-gated channel subfamily E regulatory subunit 5
- potassium voltage-gated channel subfamily H member 2
- potassium inwardly rectifying channel subfamily J member 16
- potassium inwardly rectifying channel subfamily J member 2
- potassium inwardly rectifying channel subfamily J member 5
- potassium inwardly rectifying channel subfamily J member 8
- Potassium two pore domain channel subfamily K member 17
- potassium two pore domain channel subfamily K member 3
- potassium voltage-gated channel subfamily Q member 1
- potassium sodium-activated channel subfamily T member 1
- kinesin family member 21B
- lamin A/C
- myosin binding protein C3
- myosin heavy chain 6
- myosin heavy chain 7
- myosin light chain 4
- N-alpha-acetyltransferase 10, NatA catalytic subunit
- NK2 homeobox 5
- NK2 homeobox 6
- nitric oxide synthase 1 adaptor protein

- natriuretic peptide A
- nucleoporin 155
- nucleoporin 37
- phosphatidylinositol 4-kinase alpha
- phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma
- paired like homeodomain 2
- plakophilin 2
- phospholamban
- paired related homeobox 1
- RAN guanine nucleotide release factor
- RNA binding motif protein 20
- RRAD and GEM like GTPase 2
- regulating synaptic membrane exocytosis 1
- ring finger protein 207
- ryanodine receptor 1
- ryanodine receptor 2
- sodium voltage-gated channel alpha subunit 10
- sodium voltage-gated channel beta subunit 1
- sodium voltage-gated channel beta subunit 2
- sodium voltage-gated channel beta subunit 3
- sodium voltage-gated channel alpha subunit 4
- sodium voltage-gated channel beta subunit 4
- sodium voltage-gated channel alpha subunit 5
- sodium channel epithelial 1 subunit alpha
- succinate dehydrogenase complex assembly factor 3
- semaphorin 3A
- short stature homeobox 2
- sirtuin 6
- solute carrier family 2 member 5
- solute carrier family 4 member 3
- sarcolemma associated protein
- syntrophin alpha 1
- T-box transcription factor 5

- transforming growth factor beta 2
- troponin I3, cardiac type
- tropomyosin 1
- triadin
- transient receptor potential cation channel subfamily M member 4
- titin
- ubiquitin protein ligase E3 component n-recognin 4
- ubiquitin protein ligase E3 component n-recognin 5
- WD repeat domain 26
- xin actin binding repeat containing 1
- zinc finger C3HC-type containing 1

Related Gene Panels

- Primary cardiac arrhythmias (113 genes) - VUB
