GENETIC TEST:
Primary Electrical disorders / Brugada syndrome / Long QT syndrome (LQT) / Short QT syndrome (SQT) / Arrhythmogenic right ventricular cardiomyopathy (ARVC) / Catecholaminergic polymorphic ventricular tachycardia (CPVT) (gene panel)

FULL NAME:	Primary Electrical disorders / Brugada syndrome / Long QT syndrome (LQT) / Short QT syndrome (SQT) / Arrhythmogenic right ventricular cardiomyopathy (ARVC) / Catecholaminergic polymorphic ventricular tachycardia (CPVT) (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:	• Arrhythmia & Cardiomyopathies, • cardiac disorders
TURNAROUND TIME (MAXIMUM):	6 months
CREATED:	21 Aug 2019 - 15:43
CHANGED:	22 Jan 2024 - 14:22
URL:	https://labogidsmedgen.uza.be/analyses/primaire-elektrische-aandoeningen-genenp…

RELATED CONTENT

Related Diseases

- Catecholaminergic polymorphic ventricular tachycardia
- Familial atrial fibrillation
- Familial isolated arrhythmogenic ventricular dysplasia, left dominant form
- Familial isolated arrhythmogenic ventricular dysplasia, right dominant form
- Familial isolated dilated cardiomyopathy
- Familial progressive cardiac conduction defect
- Familial short QT syndrome
- Familial sick sinus syndrome
- Idiopathic ventricular fibrillation, non Brugada type

Related Laboratories

- Centrum Medische Genetica - UZ Antwerpen

Related Analytes

- ATP binding cassette subfamily B member 4
- ATP binding cassette subfamily C member 9
- actinin alpha 2
- A-kinase anchoring protein 9
- ankyrin 2
- calcium voltage-gated channel subunit alpha1 C
- calcium voltage-gated channel auxiliary subunit alpha2delta 1

- calcium voltage-gated channel auxiliary subunit beta 2
- calmodulin 1
- calmodulin 2
- calmodulin 3
- calsequestrin 2
- caveolin 3
- cadherin 2
- chloride channel accessory 2
- catenin alpha 3
- desmin
- dipeptidyl peptidase like 6
- desmocollin 2
- desmoglein 2
- desmoplakin
- filamin C
- gap junction protein alpha 1
- gap junction protein alpha 5
- G protein subunit beta 2
- G protein subunit beta 5
- glycerol-3-phosphate dehydrogenase 1 like
- hyperpolarization activated cyclic nucleotide gated potassium channel 4
- junction plakoglobin
- potassium voltage-gated channel subfamily A member 5
- 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 5
- potassium voltage-gated channel subfamily H member 2
- 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 voltage-gated channel subfamily Q member 1
- lamin A/C
- myosin light chain 3
- myosin light chain 4
- NK2 homeobox 5
- nitric oxide synthase 1 adaptor protein
- natriuretic peptide A
- plakophilin 2
- phospholamban
- Inorganic pyrophosphatase 2
- protein kinase AMP-activated non-catalytic subunit gamma 2
- RAN guanine nucleotide release factor
- RNA binding motif protein 20
- ring finger protein 207
- RRAD, Ras related glycolysis inhibitor and calcium channel regulator
- 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 beta subunit 4
- sodium voltage-gated channel alpha subunit 5
- solute carrier family 4 member 3
- sarcolemma associated protein
- syntrophin alpha 1
- transport and golgi organization 2 homolog
- trans-2,3-enoyl-CoA reductase like
- transforming growth factor beta 3
- transmembrane protein 43
- TNNI3 interacting kinase
- triadin
- transient receptor potential cation channel subfamily M member 4
- titin

Related Gene Panels

- Primary Electrical disorders/Brugada syndrome (genepanel) - UZA
