DISEASE:
Familial atrial fibrillation

NAME:	Familial atrial fibrillation
DESCRIPTION:	Familial atrial fibrillation is a rare, genetically heterogenous cardiac disease characterized by erratic activation of the atria with an irregular ventricular response, in various members of a single family. It may be asymptomatic or associated with palpitations, dyspnea and light-headedness. Concomitant rhythm disorders and cardiomyopathies are frequently reported.
ORPHACODE:	334

XREF(S):	Orphanet ICD-10 OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM

ANALYTE(S):	ABCC9 PITX2 SCN5A GATA4 KCNE1 KCNE2 KCNJ2 KCNQ1 NKX2-5 GJA5 SCN1B KCNJ3 MYL4 TTN NKX2-6 SCN4B KCNA5 NUP155 NPPA SCN3B GATA6 GATA5 SCN2B KCNJ5
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RELATED CONTENT

Related Genetic Tests

- Bicuspid aortic valve
- Cardiomyopathy, hereditary (gene panel)
- Cardiopathies, hereditary (gene panel)
- Inherited cardiac arrhytmia (gene panel)
- Long QT syndrome
- Primary Arterial Hypertension (gene panel)
- 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)
- 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)

Related Laboratories

- Centre de Génétique-Institut de Pathologie et de Génétique (IPG)
- Centrum Medische Genetica - UZ Antwerpen
- Centrum Medische Genetica - UZ Brussel VUB
- Centrum Medische Genetica - UZ Gent
- Centrum Menselijke Erfelijkheid - KUL

Related Analytes

- ATP binding cassette subfamily C member 9
- GATA binding protein 4

- GATA binding protein 5
- GATA binding protein 6
- gap junction protein alpha 5
- potassium voltage-gated channel subfamily A member 5
- potassium voltage-gated channel subfamily E regulatory subunit 1
- potassium voltage-gated channel subfamily E regulatory subunit 2
- potassium inwardly rectifying channel subfamily J member 2
- potassium inwardly rectifying channel subfamily J member 3
- potassium inwardly rectifying channel subfamily J member 5
- potassium voltage-gated channel subfamily Q member 1
- myosin light chain 4
- NK2 homeobox 5
- NK2 homeobox 6
- natriuretic peptide A
- nucleoporin 155
- paired like homeodomain 2
- 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
- titin

Related Gene Panels

- Bicuspid aortic valve - UGent
- Cardiomyopathy, hereditary (208 genes) - VUB
- Cardiopathies, hereditary (102 genes) - KUL
- Congenital heart disease (29 genes) - VUB
- Inherited cardiac arrhytmia (25 genes) - IPG
- Long QT (14 genes) - VUB
- Primary Arterial Hypertension (19 genes) - KUL
- Primary Electrical disorders/Brugada syndrome (genepanel) - UZA

- Primary cardiac arrhythmias (113 genes) - VUB
