COHESION PHENOMICS

Cohesion Phenomics
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CohesionPhenomics.com

LABEL HERE

Laboratory Requisition

PATIENT INFORMATION

First Name		Date of Birth		Gender	M F
Last Name		Medical Record #		Adopted?	Y N
Middle Name					
Street Address					
City, State & Zip					
Phone					

Race & Ethnicity *(Check **ALL** that Apply)*

◯ White ◯ Hispanic ◯ Black/African-American
◯ Asian ◯ Ashkenazi/Jewish ◯ American Indian/Native Alaskan
◯ Native Hawaiian/Pacific Islander
◯ Other: _____

CLINICAL INDICATIONS FOR STUDY

X	Symptomatic
X	Family History

SPECIMEN INFORMATION

X	Blood	Collection Date/Time:
X	Saliva	
X	DNA	Collected By:

SPECIMEN COLLECTION GUIDELINES

Molecular (DNA) Studies

All specimen tubes should be labeled with patient full name, medical record#, DOB, date/time drawn and the initials of the person collecting sample.

Sample Information

6 ml whole blood in purple top (K2 EDTA or K3 EDTA) tube (Adults & Children)
3 ml whole blood in purple top (K2 EDTA or K3 EDTA) tube (Infant < 2 years)

Packing/Shipping Information

- Place Sample Into Biohazard Bag and Seal.
- **Do Not Freeze Sample.**
- **Refrigerate Sample Until Time of Shipping for A.M. Delivery.**

Causes for Rejection

- Frozen Sample
- Quantity Not Sufficient for Analysis
- Hemolysis
- Improper Container

ORDERING PROVIDER INFORMATION

Full Name		Phone	
Institution		Fax	
NPI #		Address	
Email		City, State & Zip	

INSURANCE DIAGNOSIS CODES

ICD Codes	Definition

DOB | MR# | LAB#

MOLECULAR TEST MENU

Cardiomyopathy

- ○ **Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC)**
  PKP2, DSP, DSG2, DSC2, TMEM43, JUP
- ○ **Arrhythmogenic Cardiomyopathy (ACM)**
  PKP2, DSP, DSG2, DSC2, TMEM43, JUP, RYR2, SCN5A, LMNA, PLN, DES
- ○ **Hypertrophic Cardiomyopathy (HCM)**
  MYBPC3, MYH7, TNNI3, TNNT2, TPM1, ACTC1, MYL2, MYL3, LAMP2, GLA, PRKAG2, TTR, PLN
- ○ **Dilated Cardiomyopathy (DCM)**
  MYBPC3, MYH7, TNNI3, TNNT2, TPM1, ACTC1, MYL2, MYL3, LAMP2, GLA, PRKAG2, TTR, PKP2, DSP, DSG2, DSC2, TMEM43, JUP, LMNA, SCN5A, PLN, RBM20
- ○ **Left Ventricular Non-compaction (LVNC)**
  MYBPC3, MYH7, TNNI3, TNNT2, TPM1, ACTC1, MYL2, MYL3, LAMP2, DSP, LMNA, SCN5A, PLN, RBM20, KCNQ1
- ○ **Familial Variant**
  (specify gene and variant)

Channelopathy

- ○ **Brugada Syndrome (BrS)**
  SCN5A
- ○ **Catecholaminergic Polymorphic Ventricular Tachycardia (CPVT)**
  CASQ2, RYR2 targeted exons
- ○ **Long QT syndrome (LQTS)**
  KCNQ1,KCNH2, SCN5A
- ○ **Sudden Cardiac Arrest (SCA)**
  MYBPC3, MYH7, TNNI3, TNNT2, TPM1, PKP2, DSP, DSC2, DSG2, LMNA, SCN5A, PLN, RBM20, KCNQ1, KCNH2, RYR2, CASQ2
- ○ **Familial Variant**
  (specify gene and variant)

Aortopathy

- ○ **Vascular Ehlers Danlos Syndrome (vEDS)**
  COL3A1
- ○ **Familial Thoracic Aortic Aneurysm and Dissection (FTAAD)**
  ACTA2, TGFBR2, TGFBR1, SMAD3
- ○ **Loeys-Dietz Syndrome (LDS)**
  TGFBR2, TGFBR1, SMAD3
- ○ **Marfan Syndrome (MFS)**
  FBN1
- ○ **Familial Variant**
  (specify gene and variant)

Other

- ○ **Danon Disease**
  LAMP2
- ○ **Fabry Disease**
  GLA
- ○ **Familial Transthyretin Amyloidosis**
  TTR
- ○ **Wolff-Parkinson-White Syndrome (WPW)**
  PRKAG2
- ○ **Familial Hypercholesterolemia**
  APOB, LDLR, PCSK9
- ○ **Familial Variant**
  (specify gene and variant)

Note: An interpretative report is included when testing is requested.

TEST ID
○ ACTA2-related Familial Thoracic Aortic Aneurysm and Dissection
○ ACTC1-related Cardiomyopathy
○ APOB-related Hypercholesterolemia
○ CASQ2-related Channelopathy
○ DES-related Cardiomyopathy
○ DSC2-related Cardiomyopathy
○ DSG2-related Cardiomyopathy
○ DSP-related Cardiomyopathy
○ GLA-related Cardiomyopathy
○ JUP-related Cardiomyopathy
○ KCNH2-related Channelopathy
○ KCNQ1-related Channelopathy
○ LAMP2-related Cardiomyopathy
○ LDLR-related Hypercholesterolemia
○ MYBPC3-related Cardiomyopathy
○ MYH7-related Cardiomyopathy
○ MYL2-related Cardiomyopathy
○ MYL3-related Cardiomyopathy
○ PCSK9-related Hypercholesterolemia
○ PKP2-related Cardiomyopathy
○ PLN-related Cardiomyopathy
○ RYR2-related Channelopathy
○ SCN5A-related Cardiomyopathy/Channelopathy
○ TGFBR1-related Familial Thoracic Aortic Aneurysm and Dissection
○ TGFBR2-related Familial Thoracic Aortic Aneurysm and Dissection
○ TMEM43-related Cardiomyopathy
○ TNN13-related Cardiomyopathy
○ TNNT2-related Cardiomyopathy
○ TPM1-related Cardiomyopathy
○ TTR-related Cardiomyopathy