Cincinnati Children's
Heart Institute

COMING WINTER 2012
Comprehensive Cardiomyopathy Panel and Titin (TTN) Sequencing

Heart Institute Diagnostic Lab
CAP#: 7518730
CLIA#: 36D2003208
Phone: (513) 803-1751
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The Heart Institute Diagnostic Laboratory (HIDL) at Cincinnati Children's Hospital Medical Center (CCHMC) specializes in testing genes associated with cardiomyopathies. HIDL draws upon the expert analysis and consultation services provided by the Heart Institute's cardiologists, cardiac-focused geneticists and dedicated genetic counselors.

Comprehensive Cardiomyopathy Panel

The Comprehensive Cardiomyopathy Panel offers Next Generation Sequencing of 36 genes associated with dilated cardiomyopathy (DCM), hypertrophic cardiomyopathy (HCM), and left ventricular noncompaction (LVNC).

The panel allows for:

- Targeted disease testing (DCM, HCM, or LVNC)
- Cost-effective reflex to the full Comprehensive Panel

Titin (TTN) Sequencing

TTN sequencing is offered as an individual gene test. It can be ordered independently or in addition to the Comprehensive Cardiomyopathy Panel.

HIDL Leadership

Jeffrey Towbin, MD, Medical Director
Stephanie Ware, MD, PhD, Associate Medical Director
Cong Liu, PhD, Associate Laboratory Director
Wenying Zhang, MD, PhD, Associate Laboratory Director
Amy Shikany, MS, Certified Genetic Counselor

Please visit our website for more information on specific tests, how to request testing, submit samples, cost, and turnaround time: www.cincinnatichildrens.org/heartdx

See back for comprehensive list of genes

Shipping Instructions

Please enclose a test requisition form with sample. All information must be complete before sample can be processed. Samples may be shipped at room temperature by overnight Federal Express to arrive Monday through Friday.

Ship To:

Cincinnati Children's
Hospital Medical Center
Attn: Heart Institute Diagnostic Lab
240 Albert Sabin Way,
Room S4.381
Cincinnati, OH 45229-3039

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Comprehensive Cardiomyopathy Panel Gene List

Gene	DCM	HCM	LVNC
ABCC9	x		
ACTC1	x	x	x
ACTN2	x	x	x
ANKRD1*	x	x	
BAG3	x		
CAV3		x	
CRYAB	x		
CSRP3	x	x	
DES	x		x
EMD	x		
LAMP2	x	x	
LMNA	x		x
MYBPC3	x	x	x
MYH6	x	x	
MYH7	x	x	x
MYL2		x	x
MYL3		x	x
MYPN	x		
NEBL*	x		
NEXN	x	x	
PLN	x	x	
PRKAG2		x	
RBM20	x		
SCN5A	x		
SCO2		x	
SGCD	x		
SURF1		x	
TAZ	x		x
TCAP	x		
TNNC1	x	x	
TNNI3	x	x	
TNNT2	x	x	x
TPM1	x	x	
TTR		x	
VCL	x	x	x
ZASP/LDB3	x	x	x

*CCHMC was the lead in identifying these novel genes

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