

Others

TEST REQUISITION FORM

CARDIOLOGY

	NT DETAILS BLOCK letters)	
Full Name		
D D M M Y Y Y Y Y M M DOB / / Age /	Gender M F Ethnicity	
E-mail	Contact No.	
Address City / State / Postal Code	Country	
City / State / Postal Code	Country	
	ING CLINICIAN BLOCK letters)	
Clinician Name	BLOCK letters)	
Hospital Name	Contact No.	
E-IIIaii	Contact No.	
SAMP	LE DETAILS	
SAM	EL DETAILS	
Sample Type		
Blood (4 ml EDTA) Amniotic Fluid (20 ml)	CVS (10-15 ug) DNA [1000 ng (20 ul x 50 ng)]	
Dried Blood Spot Others -		
Prenatal Sample: Gestational age wks (* Maternal cell contamination is mandatory for any molecular te	days ests - AF/CVS/POC/Cord Blood)	
Please indicate here if this sample needs a stat/u		
TEST	REQUESTED	
NGC has a d Tasta (Tiels appropriately). Single	Due Trie)	
NGS based Tests (Tick appropriately: Single Duo Trio) ORION (Single gene) Scale up to ORION from single gene		
(Please specify gene of inter		
ORION Focus ORION (Pre designed disease specific gene panel) (Phenotype ba	ORION Plus used Whole Exome (Phenotype based Whole Exome + CNV	
*Please contact lab for gene list & panel details +CNV Analysis Mitochondrial Genome Sequencing	(Please specify Phenotype) Analysis + Mitochondrial Genome Sequencing) Whole Genome Sequencing	
Non NGS based Tests MLPA Digital PCR	Sanger Sequencing	
Microarray 315K- Cytoscan Optima (Detects dele		
Title Sylvetter Collecte dele		



TEST REQUISITION FORM

Clinical details/Pedigree

Diagnosis:			
Attach relevant reports along with the TRF- sentence before relevant doc can be emailed to gc.ncgm@supratechlabs.com			
Age of onset:			
Rate of progression :			
Response to treatment :			
Consanguinity : Yes No			
Family History :			
Clinical Details :			
Investigations Done :			
Name:	Signature:		
Relationship to patient:	Date, time and place:		
relationship to patient.	Dute, time and place.		
Clinician Name 9 Cignatura			
Clinician Name & Signature:			

Neuberg Centre for Genomic Medicine



CLINICAL INDICATION

CARDIOLOGY			
Arrhythmia (type)			
Cardiomyopathy	Arrhythmogenic right ventricular dysplasiaDilated	☐ Hypertrophic☐ Non compaction	Restrictive cardiomyopathy Others
Congenital heart de	efect	☐ Conotruncal defects	
☐ Myocardial infarction	on: Age:		
☐ Others :			
Echo findings			- -
ADDITIONAL TESTI	NG DONE		
☐ Chromosomal micr	oarray		
☐ Karyotype			
☐ Newborn screening	l <u></u>		
Other melecular st	idios		



CONSENT/ASSENT FORM FOR GENETIC TESTING

Patient Name:	Guardian Name:	
Information on Genetic Testing	(In case of minor)	
Variations in human genes and chromosomes often lead to genetic disord	ders. Genetic tests are recommended by your referring clinician with an	
aim to identify these disease causing variations either in genes or chromo		
1) Next Generation Sequencing (NGS) based testing allows simultaneous	assessment of multiple genes.	
Test Categories		
a) ORION (Single gene): Analysis is limited to protein coding regions of	the gene of interest only.	
 b) ORION Focus*: Testing of a pre-designed set of disease specific genes c) ORION: A customized phenotype based analysis on a whole exome mitochondrial genes which are well associated with a particular phenotype Copy Number Variations will be analyzed, however this may have to be variable. 	e backbone. Only protein coding regions of genes including nuclear pe/genes requested by your referring clinician are analyzed in this test. alidated by another non-NGS technology.	
d) ORION Plus: A customized phenotype based analysis on a whole exommitochondrial genes which are well associated with a particular phenotype Copy Number Variations will be analyzed, however this may have to be vesequencing is included in the analysis.	pe/genes requested by your referring clinician are analyzed in this test. Blidated by another non-NGS technology. Mitochondrial Genome	
f) Mitochondrial Genome: Mitochondrial disorders originate from variants pathological conditions. Mitochondrial genome testing involves testing or		
multiple samples are analyzed, a single comprehensive report will be issu	re tests in three individuals (usually index case / proband + parents). Though ed for better understanding of familial contribution.	
Variant interpretation and test results		
 a) Variants are analysed, interpreted and scored according to a proprieta American College of Medical Genetics. 		
b) Only variants related to the patient phenotype are reported Benign an		
change over time, subject to accumulation of scientific information. Henc periodically, especially before contemplating prenatal testing or screenin	g of "at risk" relatives.	
d) Data for variants unrelated to the phenotype can be provided to your	health care provider if desired (additional charges may apply for the same).	
Expected test results		
 a) Positive: Detection of a disease causing pathogenic/likely pathogenic might NOT always translate into diagnosis as mentioned above. b) Negative: No variants related to patient phenotype were detected (ref 	variation. While this confirms the presence of a disease causing variation, it	
c) Variants of unknown significance: Implies detection of a variant whose	•	
	ng, phenotype evolution and accumulation of further variant specific/related	
d) Copy number variation: Though the test analyzes phenotypically significance until confirmed by an alternative Non-NGS test methodology	ficant copy number variations, they may be reported as variants of unknown.	
e) Incidental Findings: Indicates the presence of variants in a designated set of genes as per the ACMG Secondary findings committee. These genes have been selected based on the benefit of early intervention. Variants in these genes are usually unrelated to patient phenotype. The gene content i updated periodically by ACMG and may vary across reports analyzed at different time periods. Currently the laboratory reports only pathogenic/likel pathogenic variants in these genes if desired. Analysis of incidental genes is performed only when requested.		
Limitations of genetic testing		
 a) A negative test result does not always exclude a genetic disorder. In so protein coding area because of limitation in technology/scientific informa- 	ation.	
 b) The current technology does not standardly analyze intronic variants, non-variant splice nucleotides, repeat expansions and methylation abnormalities. Similarly coverage of gene promoters regions may not be uniform or universal. c) The accuracy of genetic test results is dependent of the information provided with relation to biological relation, ship clinical history and sample 		
collection and transport. Contamination may interfere with results.		
d) In rare cases due to insufficient DNA quantity or quality, a repeat sample may be required. e) The laboratory usually ensures timely dispatch of reports, however certain unanticipated delays may occur for which the laboratory cannot be held		
liable.	tain unanticipated delays may occur for which the laboratory cannot be new	
The reports are released to your referring clinician as well as the patient reports/ information regarding the results will not be released to any ot		
recommended genetic analysis.	ove in a language of my understanding and permit NCGM to perform the	
 I understand that the data derived from my genetic testing may be st stored in de-identified form. I understand my de-identified data may publications to further existing medical knowledge. I NOT consent to the reporting of incidental findings. 	ored indefinitely as a part of the laboratory database. This data is always be used for research collaborations as well as scientific presentations and	
Name:	Signature:	
Relationship to patient:	Date, time and place:	
Relationship to patient.	Date, time and place.	
Clinician Name & Signature:		
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