



Peiguo G. Chu, MD, PhD  
Interim Chairman, CLIA #05D0665695

Juan-Sebastian Saldivar, MD, FACMG  
Director of Molecular Diagnostics  
Tax ID:95-1683875

#### Molecular Diagnostic Laboratory

1500 East Duarte Road  
Northwest Building, Second Floor, Room 2236  
Duarte, CA 91010-3000  
Phone 888-826-4362 Fax 626-301-8142  
cmdl@coh.org <http://mdl.cityofhope.org>

# Submission Checklist

- Completed Test Request Form (TRF)  
(a printed copy of the TRF must accompany the specimen)
- Completed Patient Information Form (for some tests)
- Pedigree and clinical notes attached to TRF
- Referring physician's signature
- Payment items (front and back copy of insurance card(s), or signed check with SSN, or credit card holder's signature)
- Specimen packaging clearly labeled with patient name (or code) matching that on the Test Request Form

Thank You!

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For laboratory use only	Kindred #:	Accession #:
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Patient Information						
Last Name	First Name	Middle Initial	Social Security #	Female <input type="radio"/>	Male <input type="radio"/>	Date of Birth
Street Address	City	State (or Country if not USA)		Zip	Phone Number	
Specimen Number or Code	Specimen Type	Specimen Amount	Date Collected	Specimen Comments		
Mother's Country or Region of Origin			Father's Country or Region of Origin			
Ethnicity				Other Ethnicity		
Comments (note any consanguinity)			Marital Status: Single <input type="radio"/> Married <input type="radio"/> Divorced <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/>			

Clinical Findings and Family History (please attach pedigree)
ICD9 Codes (required for insurance)
Diagnosis / Clinical Findings / Family History (please attach pedigree)

Referring Physician and Genetic Counselor (or other contact) Information			
Referring Physician Name	Referring Physician UPIN	Genetic Counselor (or other contact) Name and Title	
Referring Physician Phone	Physician Institution and Address	Counselor/Contact Phone	Contact Institution and Address
Referring Physician Fax		Counselor/Contact Fax	
Referring Physician Email*		Counselor/Contact Email*	

\* Copy of results will be sent electronically via our secure system; email address also required for status updates.

Tests Ordered (please select tests, one test per line)
<b>** NOTE: MULTIPLE TESTS ARE DONE SIMULTANEOUSLY UNLESS THE ORDER FOR REFLEXIVE TESTING IS NOTED HERE:</b>
Comments on Tests Ordered (gene name for dosage analyses, description of custom test, etc.)

As the referring physician named above, I certify that the patient whose specimen is being submitted for analysis has been informed of the benefits and limitations of the laboratory test(s) requested, has had the opportunity to have all questions answered adequately, has been offered genetic counseling as appropriate, and has satisfied the informed consent requirements of my institution.

Referring Physician Signature (required)	Date
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TEST	Full Name	CPT Codes	TAT
<b>Ataxia-Telangiectasia, B-CLL, T-PLL, Mantle Cell Lymphoma</b>			
ATM-SEQ	ATM gene, full gene sequencing	83890, 83898(x58), 83904(x58), 83894, 83912	8 wks
ATM-CAS	ATM gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
ATM-PD	ATM gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
ATM-DEL	ATM gene, MLPA analysis, all exons	83890, 83896(x66), 83909, 83912	3 wks
ATM-DEL-CAS	ATM gene, MLPA analysis, known deletions/duplications	83890, 83896(x66), 83909, 83912	3 wks
<b>Li-Fraumeni Syndrome</b>			
p53-SEQ	TP53 gene, full gene sequencing	83890, 83898(x5), 83904(x5), 83894, 83912	4 wks
p53-CAS	TP53 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
p53-PD	TP53 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
p53-DEL	TP53 gene, MLPA analysis	83890, 83896(x12), 83909, 83912	3 wks
p53-DEL-CAS	TP53 gene, MLPA analysis, known deletions/duplications	83890, 83896(x12), 83909, 83912	3 wks
p53-DEL-PD	TP 53 gene, MLPA analysis, prenatal	83890, 83896(x12), 83909, 83912	3 wks
<b>Breast Cancer, Ovarian Cancer, Prostate Cancer, Colon Cancer, Li-Fraumeni like Syndrome, Phenotypically Suggestive Li-Fraumeni Syndrome</b>			
Breast Cancer-SEQ	PTEN, STK11, CHEK2, TP53, PALB2, ATM and CDH1, full gene sequencing	83890, 83898(x127), 83894(7), 83904(x127), 83912(x7)	5 wks
CHEK2-SEQ	CHEK2 gene, full gene sequencing	83890, 83898(x14), 83904(x14), 83894, 83912	6 wks
CHEK2-CAS	CHEK2 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
CHEK2-DEL	CHEK2 gene, MLPA analysis	83890, 83896(x26), 83909, 83912	3 wks
CHEK2-DEL-CAS	CHEK2 gene, MLPA analysis, known deletions/duplications	83890, 83896(x26), 83909, 83912	3 wks
CHEK2-DEL-PD	CHEK2 gene, MLPA analysis, prenatal	83890, 83896(x26), 83909, 83912	3 wks
<b>Hereditary Diffuse Gastric Cancer, Diffuse gastric cancer and lobular breast cancer, Signet ring colon cancer</b>			
CDH1-SEQ	CDH1 gene, full gene sequencing	83890, 83898(x15), 83904(x15), 83894, 83912	6 wks
CDH1-CAS	CDH1 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
CDH1-PD	CDH1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
CDH1-DEL	CDH1 gene, MLPA analysis	83890, 83896(x17), 83909, 83912	3 wks
CDH1-DEL-CAS	CDH1 gene, MLPA analysis, known deletions/duplications	83890, 83896(x17), 83909, 83912	3 wks
CDH1-DEL-PD	CDH1 gene, MLPA analysis, prenatal	83890, 83896(x17), 83909, 83912	3 wks
<b>Hereditary Nonpolyposis Colorectal Cancer</b>			
HNPPC-COMP	MLH1, MSH2, MSH6, PMS2; Seq+MLPA, EPCAM: MLPA	83890, 83898(x63), 83904(x70), 83894(x4), 83912(x9), 83896(x73), 83909(x5)	4 wks
MSI-P	Microsatellite Instability Analysis of tumor	83890, 88323, 88381, 83892, 83898(x5), 83909, 83912	4 wks
MLH1-SEQ	MLH1 gene, full gene sequencing	83890, 83898(x20), 83904(x20), 83894, 83912	4 wks
MSH2-SEQ	MSH2 gene, full gene sequencing	83890, 83898(x16), 83904(x16), 83894, 83912	4 wks
MSH6-SEQ	MSH6 gene, full gene sequencing	83890, 83898(x11), 83904(x19), 83894, 83912	4 wks
PMS2-SEQ	PMS2 gene, full gene sequencing	83890, 83898(x16), 83904(x15), 83894, 83912	4 wks
MLH1-CAS	MLH1 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
MSH2-CAS	MSH2 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
MSH6-CAS	MSH6 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
PMS2-CAS	PMS2 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
IHC-MLH1	MLH1 Immunohistochemistry	88323, 88342	2 wks
IHC-MSH2	MSH2 Immunohistochemistry	88323, 88342	2 wks
IHC-MSH6	MSH6 Immunohistochemistry	88323, 88342	2 wks
IHC-PMS2	PMS2 Immunohistochemistry	88323, 88342	2 wks
IHC-HNPPC	HNPPC Immunohistochemistry- MLH1, MSH2, MSH6, PMS2	88323, 88342(x4)	2 wks
MLH1-DEL	MLH1 gene, MLPA analysis	83890, 83896(x19), 83909, 83912	3 wks
MLH1-DEL-CAS	MLH1 gene, MLPA analysis, known deletions/duplications	83890, 83896(x19), 83909, 83912	3 wks
MLH1-DEL-PD	MLH1 gene, MLPA analysis, prenatal	83890, 83896(x19), 83909, 83912	3 wks
MSH2-DEL	MSH2 gene, MLPA analysis	83890, 83896(x18), 83909, 83912	3 wks
MSH2-DEL-CAS	MSH2 gene, MLPA analysis, known deletions/duplications	83890, 83896(x18), 83909, 83912	3 wks
MSH2-DEL-PD	MSH2 gene, MLPA analysis, prenatal	83890, 83896(x18), 83909, 83912	3 wks
MSH6-DEL	MSH6 gene, MLPA analysis	83890, 83896(x15), 83909, 83912	3 wks
MSH6-DEL-CAS	MSH6 gene, MLPA analysis, known deletions/duplications	83890, 83896(x15), 83909, 83912	3 wks
MSH6-DEL-PD	MSH6 gene, MLPA analysis, prenatal	83890, 83896(x15), 83909, 83912	3 wks
EPCAM-DEL	EPCAM gene, MLPA analysis (Exons 3, 8, 9)	83890, 83896(x6), 83909, 83912	3 wks
EPCAM-DEL-CAS	EPCAM gene, MLPA analysis, known deletions/duplications (Exons 3, 8, 9)	83890, 83896(x6), 83909, 83912	3 wks
EPCAM-DEL-PD	EPCAM gene, MLPA analysis (Exons 3, 8, 9), prenatal	83890, 83896(x6), 83909, 83912	3 wks
PMS2-DEL	PMS2 gene, MLPA analysis	83890, 83896(x15), 83909, 83912	3 wks
PMS2-DEL-CAS	PMS2 gene, MLPA analysis, known deletions/duplications	83890, 83896(x15), 83909, 83912	3 wks
PMS2-DEL-PD	PMS2 gene, MLPA analysis, prenatal	83890, 83896(x15), 83909, 83912	3 wks
<b>Hereditary Polyposis Colorectal Cancer</b>			
APC-SEQ	APC gene, full gene sequencing	83890, 83898(x33), 83894, 83904(x33), 83912	4 wks
APC-CAS	APC gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
APC-PD	APC gene, MLPA analysis, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
APC-DEL	APC gene, MLPA analysis	83890, 83896(x26), 83909, 83912	3 wks
APC-DEL-CAS	APC gene, MLPA analysis, known deletions/duplications	83890, 83896(x26), 83909, 83912	3 wks
APC-DEL-PD	APC gene, MLPA analysis, prenatal	83890, 83896(x26), 83909, 83912	3 wks
MUTYH-SEQ	MUTYH gene, full gene sequencing	83890, 83898(x9), 83894, 83904(x9), 83912	4 wks
MUTYH-CAS	MUTYH gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
MUTYH-PD	MUTYH gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
MUTYH-E07_E12	MUTYH gene, sequencing (Exons 07, 12)	83890, 83898, 83894, 83904, 83912	3 wks
<b>BRAF</b>			
BRAF-V600E	BRAF, V600E mutation analysis	83890, 88323, 88381, 83892, 83898, 83909, 83912	1 wk
<b>Fanconi Anemia Complementation Group N, Pancreatic Cancer Susceptibility, and Breast Cancer Susceptibility</b>			
PALB2-SEQ	PALB2 gene, full gene sequencing	83890, 83898(x16), 83894, 83904(x16), 83912	4 wks
PALB2-CAS	PALB2 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
PALB2-PD	PALB2 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks

TEST	Full Name	CPT Codes	TAT
<b>PTEN hamartoma tumor syndrome (PHTS)</b>			
PTEN-SEQ	PTEN gene, full gene sequencing	83890, 83898(x10), 83894, 83904(x10), 83912	4 wks
PTEN-CAS	PTEN gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
PTEN-PD	PTEN gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
PTEN-DEL	PTEN gene, MLPA analysis	83890, 83896(x25), 83909, 83912	3 wks
PTEN-DEL-CAS	PTEN gene, MLPA analysis, known deletions/duplications	83890, 83896(x25), 83909, 83912	3 wks
PTEN-DEL-PD	PTEN gene, MLPA analysis, prenatal	83890, 83896(x25), 83909, 83912	3 wks
<b>Peutz-Jeghers syndrome (PJS)</b>			
STK11-SEQ	STK11 gene, full gene sequencing	83890, 83898(x9), 83894, 83904(x9), 83912	4 wks
STK11-CAS	STK11 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
STK11-PD	STK11 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
STK11-DEL	STK11 gene, MLPA analysis	83890, 83896(x13), 83909, 83912	3 wks
STK11-DEL-CAS	STK11 gene, MLPA analysis, known deletions/duplications	83890, 83896(x13), 83909, 83912	3 wks
STK11-DEL-PD	STK11 gene, MLPA analysis, prenatal	83890, 83896(x13), 83909, 83912	3 wks
<b>Hemophilia A</b>			
F8-SEQ	Factor VIII gene, full gene sequencing	83890, 83898(x30), 83904(x35), 83894, 83912	8 wks
F8-CAS	Factor VIII gene, known mutation detection, carrier	83890, 83898, 83904, 83894, 83912	3 wks
F8PB1a	Factor VIII gene, intron 22 inversion analysis	83890, 83900(x2), 83901, 83894, 83912	3 wks
F8INV1	Factor VIII gene, intron 1 inversion analysis	83890, 83900(x2), 83901, 83894, 83912	3 wks
F8-INV22-CAS	Factor VIII gene, intron 22 inversion analysis, carrier	83890, 83900(x2), 83901, 83894, 83912	3 wks
F8-INV1-CAS	Factor VIII gene, intron 1 inversion analysis, carrier	83890, 83900(x2), 83901, 83894, 83912	3 wks
F8PD1a	Factor VIII gene, intron 22 inversion analysis, prenatal	83890, 83900(x2), 83901, 83894, 83912	2 wks
F8-INV1-PD	Factor VIII gene, intron 1 inversion analysis, prenatal	83890, 83900(x2), 83901, 83894, 83912	2 wks
F8PDS	Factor VIII gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	2 wks
F8-DEL	Factor VIII gene, MLPA analysis	83890, 83896(x33), 83909, 83912	3 wks
F8-DEL-CAS	Factor VIII gene, MLPA analysis, known deletions/duplications	83890, 83896(x33), 83909, 83912	3 wks
F8-DEL-PD	Factor VIII gene, MLPA analysis, prenatal	83890, 83896(x33), 83909, 83912	3 wks
<b>Hemophilia B</b>			
F9-SEQ	Factor IX gene, full gene sequencing	83890, 83898(x8), 83904(x8), 83894, 83912	4 wks
F9-CAS	Factor IX gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
F9-PD	Factor IX gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	2 wks
F9-RD-SEQ	Factor IX gene, dosage analysis (full gene)	83890, 83898(x8), 83894, 83912	6 wks
F9-RD-CAS	Factor IX gene, known deletion - dosage analysis	83890, 83898(x4), 83894, 83912	4 wks
F9-RD-PD	Factor IX gene, known deletion - dosage analysis, prenatal	83890, 83898(x4), 83894, 83912	4 wks
<b>Factor V Leiden</b>			
F5LD	Factor V Leiden, single mutation analysis	83890, 83900, 83894, 83912	3 wks
<b>von Willebrand Factor Normandy</b>			
VWFNa	von Willebrand Disease, Normandy (2N) subtype	83890, 83898(x6), 83904(x3), 83894, 83912	4 wks
<b>von Willebrand Factor- FULL GENE</b>			
VWF-SEQ	von Willebrand Disease, full gene sequencing	83890, 83898(x54), 83904(x54), 83894, 83912	10 wks
VWF-EX28	von Willebrand Disease, exon 28 only	83890, 83898, 83894, 83904, 83912	4 wks
VWF-CAS	von Willebrand Disease, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
VWF-PD	von Willebrand Disease, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>XLMR PANEL: Non-Syndromic X-Linked Mental Retardation (XLMR) PANEL</b>			
MRX-Test	ARX, PQBP1, JARID1C, TM4SF2, FAFL4, DLG3, FTSJ1 and ZNF41, full gene sequencing	83890, 83898(x96), 83894, 83904(x96), 83912(x8)	10 wks
<b>XLMR, West syndrome (Infantile spasms), Proud syndrome, Partington syndrome, and X-linked lissencephaly with abnormal genitalia (XLAG) syndrome</b>			
ARX-SEQ	ARX gene, full gene sequencing	83890, 83898(x5), 83894, 83904(x6), 83912	5 wks
ARX-CAS	ARX gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
ARX-PD	ARX gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Non-Syndromic X-Linked Mental Retardation (XLMR)</b>			
DLG3-SEQ	DLG3 gene, full gene sequencing	83890, 83898(x19), 83894, 83904(x19), 83912	5 wks
DLG3-CAS	DLG3 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
DLG3-PD	DLG3 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Non-Syndromic X-Linked Mental Retardation (XLMR)</b>			
FAFL4-SEQ	FAFL4 gene, full gene sequencing	83890, 83898(x16), 83894, 83904(x16), 83912	5 wks
FAFL4-CAS	FAFL4 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
FAFL4-PD	FAFL4 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Non-Syndromic X-Linked Mental Retardation (XLMR)</b>			
FTSJ1-SEQ	FTSJ1 gene, full gene sequencing	83890, 83898(x11), 83894, 83904(x8), 83912	5 wks
FTSJ1-CAS	FTSJ1 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
FTSJ1-PD	FTSJ1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Non-Syndromic X-Linked Mental Retardation (XLMR)</b>			
JARID1C-SEQ	JARID1C gene, full gene sequencing	83890, 83898(x26), 83894, 83904(x23), 83912	5 wks
JARID1C-CAS	JARID1C gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
JARID1C-PD	JARID1C gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Non-Syndromic X-Linked Mental Retardation (XLMR)</b>			
TM4SF2-SEQ	TM4SF2 gene, full gene sequencing	83890, 83898(x7), 83894, 83904(x7), 83912	5 wks
TM4SF2-CAS	TM4SF2 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
TM4SF2-PD	TM4SF2 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Non-Syndromic X-Linked Mental Retardation (XLMR)</b>			
ZNF41-SEQ	ZNF41 gene, full gene sequencing	83890, 83898(x5), 83894, 83904(x11), 83912	5 wks
ZNF41-CAS	ZNF41 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
ZNF41-PD	ZNF41 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Renpenning syndrome, Sutherland-Haas Syndrome, Cerebropalatocardiac (Hamel) Syndrome and XLMR</b>			
PQBP1-SEQ	PQBP1 gene, full gene sequencing	83890, 83898(x6), 83894, 83904(x6), 83912	5 wks
PQBP1-CAS	PQBP1 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
PQBP1-PD	PQBP1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>ATRX Syndrome</b>			
ATRX-SEQ	ATRX gene, full gene sequencing	83890, 83898(x43), 83894, 83904(x43), 83912	10 wks
ATRX-CAS	ATRX gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
ATRX-PD	ATRX gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks

TEST	Full Name	CPT Codes	TAT
<b>West Syndrome (Infantile Spasms), Rett Syndrome, XLMR</b>			
STK9-SEQ	STK9 gene, full gene sequencing	83890, 83898(x23), 83894, 83904(x23), 83912	8 wks
STK9-CAS	STK9 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
STK9-PD	STK9 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Rett Syndrome, Infantile Encephalitis, Autism, X-linked MR</b>			
MECP2-SEQ	MECP2 gene, full gene sequencing	83890, 83898(x6), 83894, 83904(x6), 83912	5 wks
MECP2-CAS	MECP2 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
MECP2-PD	MECP2 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
MECP2-DEL	MECP2 gene, MLPA analysis	83890, 83896 (x13), 83909, 83912	3 wks
MECP2-DEL-CAS	MECP2 gene, MLPA analysis, known deletions/duplications	83890, 83896 (x13), 83909, 83912	3 wks
MECP2-DEL-PD	MECP2 gene, MLPA analysis, prenatal	83890, 83896 (x13), 83909, 83912	3 wks
<b>PDD, Autism, and Asperger's Syndrome</b>			
NLGN3-SEQ	NLGN3 gene, full gene sequencing	83890, 83898(x8), 83894, 83904(x8), 83912	6 wks
NLGN3-CAS	NLGN3 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
NLGN3-PD	NLGN3 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
NLGN4-SEQ	NLGN4 gene, full gene sequencing	83890, 83898(x9), 83894, 83904(x9), 83912	6 wks
NLGN4-CAS	NLGN3 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
NLGN4-PD	NLGN4 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Marfan Syndrome, Familial Ectopia Lentis, and Aortic Aneurysm</b>			
FBN1-SEQ	FBN1 gene, full gene sequencing	83890, 83898(x67), 83894, 83904(x67), 83912	4 wks
FBN1-CAS	FBN1 gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
FBN1-PD	FBN1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
FBN1-DEL	FBN1 gene, MLPA analysis	83890, 83896 (x55), 83909, 83912	3 wks
FBN1-DEL-CAS	FBN1 gene, MLPA analysis, known deletions/duplications	83890, 83896 (x55), 83909, 83912	3 wks
FBN1-DEL-PD	FBN1 gene, MLPA analysis, prenatal	83890, 83896 (x55), 83909, 83912	3 wks
TGFBR2-SEQ	TGFBR2 gene, full gene sequencing	83890, 83898(x8), 83894, 83904(x9), 83912	4 wks
TGFBR2-CAS	TGFBR2 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
TGFBR2-PD	TGFBR2 gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	2 wks
TGFBR2-DEL	TGFBR2 gene, MLPA analysis	83890, 83896(x26), 83909, 83912	3 wks
TGFBR2-DEL-CAS	TGFBR2 gene, MLPA analysis, known deletions/duplications	83890, 83896(x26), 83909, 83912	3 wks
TGFBR2-DEL-PD	TGFBR2 gene, MLPA analysis, prenatal	83890, 83896(x26), 83909, 83912	3 wks
TGFBR1-SEQ	TGFBR1 gene, full gene sequencing	83890, 83898(x11), 83894, 83904(x11), 83912	4 wks
TGFBR1-CAS	TGFBR1 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
TGFBR1-PD	TGFBR1 gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	2 wks
TGFBR1-DEL	TGFBR1 gene, MLPA analysis	83890, 83896(x26), 83909, 83912	3 wks
TGFBR1-DEL-CAS	TGFBR1 gene, MLPA analysis, known deletions/duplications	83890, 83896(x26), 83909, 83912	3 wks
TGFBR1-DEL-PD	TGFBR1 gene, MLPA analysis, prenatal	83890, 83896(x26), 83909, 83912	3 wks
<b>Dilated Cardiomyopathy, Charcot-Marie-Tooth Disease Type 2B1, Familial Partial Lipodystrophy, Hutchinson-Gilford Progeria Syndrome</b>			
LMNA-SEQ	Lamin A/C (LMNA) gene, full gene sequencing	83890, 83898(x12), 83904(x11), 83894, 83912	4 wks
LMNA-CAS	Lamin A/C (LMNA) gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
LMNA-PD	LMNA gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Emery-Dreifuss Muscular Dystrophy, Limb-Girdle Muscular Dystrophy Type 1B</b>			
LMNA-SEQ	Lamin A/C (LMNA) gene, full gene sequencing	83890, 83898(x12), 83904(x11), 83894, 83912	4 wks
LMNA-CAS	Lamin A/C (LMNA) gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
LMNA-PD	Lamin A/C (LMNA) gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
EMD-SEQ	Emerin gene, full gene sequencing	83890, 83898(x5), 83904(x6), 83894, 83912	4 wks
EMD-CAS	Emerin gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	3 wks
EMD-PD	Emerin gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
<b>Duchene and Becker Muscular Dystrophy</b>			
DMD-SEQ	Dystrophin gene, full gene sequencing	83890, 83898(x79), 83904(x79), 83894, 83912	10 wks
DMD-CAS	Dystrophin gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
DMD-PD	Dystrophin gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
DMD-DEL	Dystrophin gene, MLPA analysis (79 Exons)	83890, 83896(x79), 83909, 83912	3 wks
DMD-DEL-CAS	Dystrophin gene, MLPA analysis, known deletions/duplications (79 exons)	83890, 83896(x79), 83909, 83912	3 wks
DMD-DEL-PD	Dystrophin gene, MLPA analysis (79 Exons), prenatal	83890, 83896(x79), 83909, 83912	3 wks
<b>Epidermal Growth Factor Receptor</b>			
EGFR-KD	EGFR gene, full sequencing of kinase domain	83890, 88323, 88381, 83892, 83898(x4), 83894, 83904(x4),	2 wks
<b>Colorectal Carcinoma and Non-Small Cell Carcinoma</b>			
KRAS-T	KRAS gene, mutation analysis of codons 12 and 13	83890, 88323, 88381, 83892, 83898, 83909(x2), 83912	1 wk
<b>Gastrointestinal Stromal Tumors (GIST) and Melanoma</b>			
C-Kit	C-Kit gene, sequencing (Exons 8, 9, 11,13,17,18)	83890, 88323, 88381, 83892, 83898 (x6), 83894, 83904 (x6),	2 wks
C-Kit-CAS	C-Kit gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	2 wks
PDGFRA	PDGFRA gene, sequencing (Exons 12, 18)	83890, 88323, 88381, 83892, 83898 (x2), 83894, 83904 (x2),	2 wks
<b>Cystic Fibrosis, CBAVD, Chronic Pancreatitis</b>			
CFTR-SEQ	CFTR gene, full gene sequencing	83890, 83898(x30), 83894, 83904(x32), 83912	4 wks
CFTR-CAS	CFTR gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	3 wks
CFTR-PD	CFTR gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks



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 cmdl@coh.org http://mdl.cityofhope.org

## Billing Information

**(complete information is required before processing can begin)**

<input type="radio"/> <b>Bill Insurance (attaching a letter of medical necessity is recommended)</b>			
Name of Insurance Policy Holder	Insured Social Security #	Insured Date of Birth	Relationship to Patient
Insurance Company Name	Insurance Company Address		Medicare Number
Insurance Company Phone			Medi-Cal Number
		Insurance Group Number	Insurance Policy Number
<b>Authorization # (If an HMO policy, specific authorization for City of Hope CMDL is required.)</b>			
		Effective Auth Dates	

<input type="radio"/> <b>Secondary Insurance</b>			
Name of Insurance Policy Holder	Insured Social Security #	Insured Date of Birth	Relationship to Patient
Insurance Company Name	Insurance Company Address		Medicare Number
Insurance Company Phone			Medi-Cal Number
		Insurance Group Number	Insurance Policy Number
<b>Authorization # (If an HMO policy, specific authorization for City of Hope MDL is required.)</b>			

**For insurance billing, please choose one of the following options after insurance is approved**

- Hold the test and inform the MD/GC if the patient out-of-pocket cost is more than \$250
- Start the test immediately

<input type="radio"/> <b>Payment Enclosed (please make check to "City of Hope MDL" and write SSN on check)</b>
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<input type="radio"/> <b>Charge to Credit Card</b>					
MasterCard	VISA	Discover	American Express		For a receipt, enter name and address:
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Card Holder Full Name	Account Number	Expiration Date	US Dollar Amount		
Card Holder Signature					

<input type="radio"/> <b>Bill to Referring Institution</b>	
Institution Name	Institution Billing Address
Contact Name	Contact Phone
Contact Email for Copy of Results*	Fax Number

\*Copy of results will be sent electronically via our secure email system.

Billing Notes
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