

TEST	Full Name	CPT Codes	TAT
Ataxia-Telangiectasia, B-CLL, T-PLL, Mantle Cell Lymphoma			
ATM-SEQ	ATM gene, full 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	4 wks
ATM-PD	ATM gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
ATM-RD-CAS	ATM gene, dosage analysis (Exons 4, 5, 23, 24, 43, 44, 45, 46, 64, and 65)	83890, 83898(x10), 83894, 83912	6 wks
Li-Fraumeni Syndrome			
P53-SEQ	p53 gene, full gene sequencing	83890, 83898(x5), 83904(x5), 83894, 83912	4 wks
P53-CAS	p53 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	4 wks
P53-PD	p53 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
P53-RD-SEQ	p53 gene, dosage analysis (Exons 2-11)	83890, 83898(x11), 83894, 83912	4 wks
P53-RD-CAS	p53 gene, known deletion - dosage analysis	83890, 83898(x4), 83894, 83912	4 wks
Breast Cancer, Ovarian Cancer, Prostate Cancer, Colon Cancer, Li-Fraumeni like Syndrome, Phenotypically Suggestive Li-Fraumeni Syndrome			
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	4 wks
CHEK2-RD-CAS	CHEK2 gene, founder deletion analysis	83890, 83898(x2), 83894, 83912	4 wks
Hereditary Diffuse Gastric Cancer, Diffuse gastric cancer and lobular breast cancer, Signet ring colon cancer			
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	4 wks
CDH1-PD	CDH1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
CDH1-DEL	CDH1 gene, MLPA analysis	83890, 83896 (x17), 83909, 83912	3 wks
CDH1-DEL-CAS	CDH1 gene, MLPA analysis, known mutation	83890, 83896 (x17), 83909, 83912	3 wks
CDH1-DEL-PD	CDH1 gene, MLPA analysis, prenatal	83890, 83896 (x17), 83909, 83912	3 wks
Hereditary Nonpolyposis Colorectal Cancer			
MSIa	Microsatellite Instability Analysis of tumor	83890, 83898(x11), 83894, 83912	4 wks
MLH1-SEQ	MLH1 gene, full gene sequencing	83890, 83898(x20), 83904(x20), 83894, 83912	6 wks
MSH2-SEQ	MSH2 gene, full gene sequencing	83890, 83898(x16), 83904(x16), 83894, 83912	6 wks
MSH6-SEQ	MSH6 gene, full gene sequencing	83890, 83898(x11), 83904(x19), 83894, 83912	6 wks
PMS2-SEQ	PMS2 gene, full gene sequencing	83890, 83898 (x16), 83904 (x15), 83894, 83912	6 wks
MLH1-CAS	MLH1 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	4 wks
MSH2-CAS	MLH2 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	4 wks
MSH6-CAS	MSH6 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	4 wks
PMS2-CAS	PMS2 gene, targeted mutation analysis, known mutation	83890, 83898, 83904, 83894, 83912	4 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-HNPCC	HNPCC Immunohistochemistry- MLH1, MSH2, MSH6, PMS2	88323, 88342(x4)	2 wks
MLH1-DEL	MLH1 gene, MLPA analysis	83890, 83896(19), 83909, 83912	3 wks
MLH1-DEL-CAS	MLH1 gene, MLPA analysis, known mutation	83890, 83896(19), 83909, 83912	3 wks
MLH1-DEL-PD	MLH1 gene, MLPA analysis, prenatal	83890, 83896(19), 83909, 83912	3 wks
MSH2-DEL	MSH2 gene, MLPA analysis	83890, 83896(18), 83909, 83912	3 wks
MSH2-DEL-CAS	MSH2 gene, MLPA analysis, known mutation	83890, 83896(18), 83909, 83912	3 wks
MSH2-DEL-PD	MSH2 gene, MLPA analysis, prenatal	83890, 83896(18), 83909, 83912	3 wks
MSH6-DEL	MSH6 gene, MLPA analysis	83890, 83896(15), 83909, 83912	3 wks
MSH6-DEL-CAS	MSH6 gene, MLPA analysis, known mutation	83890, 83896(15), 83909, 83912	3 wks
MSH6-DEL-PD	MSH6 gene, MLPA analysis, prenatal	83890, 83896(15), 83909, 83912	3 wks
BRAF			
BRAF-V600E	BRAF, V600E mutation analysis	83890, 88323, 83892, 83898, 83912	1 wk
Hemophilia A			
F8-SEQ	Factor VIII gene, full gene sequencing	83890, 83898(x30), 83904(x35), 83894, 83912	10 wks
F8-CAS	Factor VIII gene, known mutation detection, carrier	83890, 83898, 83904, 83894, 83912	4 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	3 wks
F8-RD-SEQ	Factor VIII gene, dosage analysis (Exons 1, 6-8, 10, 12-14, 16, 20-23, 25-26)	83890, 83898(x15), 83894, 83912	6 wks
F8-RD-CAS	Factor VIII gene, known deletion - dosage analysis	83890, 83898(x4), 83894, 83912	4 wks
Hemophilia 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	4 wks
F9-PD	Factor IX gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	4 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
Factor V Leiden			
F5LD	Factor V Leiden, single mutation analysis	83890, 83900, 83894, 83912	3 wks
von Willebrand Factor Normandy			
VWFNa	von Willebrand Disease, Normandy (2N) subtype	83890, 83898(x6), 83904(x3), 83894, 83912	4 wks

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von Willebrand Factor- FULL GENE			
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	4 wks
VWF-PD	von Willebrand Disease, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
XLMR PANEL: Non-Syndromic X-Linked Mental Retardation (XLMR) PANEL			
MRX-Test	ARX, PQBP1, JARID1C, TM4SF2, FACLA_DLG3, FTSJ1 and ZNF41, full gene sequencing	83890, 83898(x96), 83894, 83904(x96), 83912(x8)	10 wks
XLMR, West syndrome (Infantile spasms), Proud syndrome, Partington syndrome, and X-linked lissencephaly with abnormal genitalia (XLAG) syndrome			
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	4 wks
ARX-PD	ARX gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Non-Syndromic X-Linked Mental Retardation (XLMR)			
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	4 wks
DLG3-PD	DLG3 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Non-Syndromic X-Linked Mental Retardation (XLMR)			
FACLA-SEQ	FACLA gene, full gene sequencing	83890, 83898(x16), 83894, 83904(x16), 83912	5 wks
FACLA-CAS	FACLA gene, targeted mutation analysis, known mutation	83890, 83898, 83894, 83904, 83912	4 wks
FACLA-PD	FACLA gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Non-Syndromic X-Linked Mental Retardation (XLMR)			
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	4 wks
FTSJ1-PD	FTSJ1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Non-Syndromic X-Linked Mental Retardation (XLMR)			
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	4 wks
JARID1C-PD	JARID1C gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Non-Syndromic X-Linked Mental Retardation (XLMR)			
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	4 wks
TM4SF2-PD	TM4SF2 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Non-Syndromic X-Linked Mental Retardation (XLMR)			
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	4 wks
ZNF41-PD	ZNF41 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Renpenning syndrome, Sutherland-Haas Syndrome, Cerebropalatocardiac (Hamel) Syndrome and XLMR			
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	4 wks
PQBP1-PD	PQBP1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
ATRX Syndrome			
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	4 wks
ATRX-PD	ATRX gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
West Syndrome (Infantile Spasms), Rett Syndrome, XLMR			
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	4 wks
STK9-PD	STK9 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Rett Syndrome, Infantile Encephalitis, Autism, X-linked MR			
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	4 wks
MECP2-PD	MECP2 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
MECP2-RD-SEQ	MECP2 gene, dosage analysis (Exons 2-4)	83890, 83898(x4), 83894, 83912	4 wks
PDD, Autism, and Asperger's Syndrome			
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	4 wks
NLGN3-PD	NLGN3 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 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	4 wks
NLGN4-PD	NLGN4 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Marfan Syndrome, Familial Ectopia Lentis, and Aortic Aneurysm			
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	4 wks
FBN1-PD	FBN1 gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
FBN1-DEL	FBN1 gene, MLPA analysis	83890, 83896 (x55), 83909, 83912	3 wks
FBN1-DEL-CAS	FBN1 gene, MLPA analysis, known mutation	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	4 wks
TGFBR2-PD	TGFBR2 gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	4 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	4 wks
TGFBR1-PD	TGFBR1 gene, known mutation detection, prenatal	83890, 83898, 83904, 83894, 83912	5 wks
Emery-Dreifus Muscular Dystrophy, Limb-Girdle Muscular Dystrophy Type 1B			
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	4 wks
LMNA-PD	Lamin A/C (LMNA) gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 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	4 wks
EMD-PD	Emerin gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks

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Dilated Cardiomyopathy, Charcot-Marie-Tooth Disease Type 2B1, Familial Partial Lipodystrophy, Hutchinson-Gilford Progeria Syndrome			
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	4 wks
LMNA-PD	LMNA gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks
Duchene and Becker Muscular Dystrophy			
DMD-DEL	Dystrophin gene, MLPA deletion analysis, 79 Exons	83890, 83896(x79), 83909, 83912	3 wks
DMD-DEL-CAS	Dystrophin gene, MLPA known deletion analysis, 79 exons	83890, 83896(x79), 83909, 83912	3 wks
DMD-DEL-PD	Dystrophin gene, MLPA deletion analysis, 79 Exons, prenatal	83890, 83896(x79), 83909, 83912	3 wks
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	4 wks
DMD-PD	Dystrophin gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	2 wks
Epidermal Growth Factor Receptor			
EGFR-KD	EGFR gene, full sequencing of kinase domain	88323, 83890, 83898(x4), 83892, 83894, 83904(x4), 83912	2 wks
Colorectal Carcinoma and Non-Small Cell Carcinoma			
KRAS-7	KRAS gene, mutation analysis for the 7 common mutations in codons 12 and 13	83890, 88323, 83892, 83898(x7), 83912	1 wk
Cystic Fibrosis, CBAVD, Chronic Pancreatitis			
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	4 wks
CFTR-PD	CFTR gene, known mutation detection, prenatal	83890, 83898, 83894, 83904, 83912	4 wks