



MNG LABORATORIES
Neurogenetic Answers™

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 mnglabs.com

PRICE AND TEST LIST
January 09, 2019
(by Test Code)

20190109FULLTESTLIST.37

CLIA License #11D0703390; GA License #060-381; MD License #1241; FL License #800025664; NY PFI #8159; CA License #COS 00800363

When ordering tests, please use our test requisition forms available from our website at www.mnglabs.com/forms.
 For information on contracting with us, please call 678-225-0222 and a customer service representative will direct your call.

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VISIT WWW.MNGLABS.COM/SUPPORT TO SUBMIT QUESTIONS BY SECURE HIPAA-COMPLIANT EMAIL.
 VISIT WWW.MNGLABS.COM/TESTS FOR DESCRIPTIONS OF EACH TEST, AS WELL AS MOLECULAR DIFFERENTIAL DIAGNOSIS SEARCH.
 ORDER TEST KITS ONLINE AT WWW.MNGLABS.COM/KITS FOR SIMPLIFIED SAMPLE PROCESSING, AND FREE INBOUND AND RETURN SHIPPING.
(WE GLADLY ACCEPT DELIVERIES MONDAY-SATURDAY, EXCLUDING HOLIDAYS.)

CPT codes provided here are for reference purpose only. They are not an assurance of approval nor reimbursement.

Test Code	Test Description	TAT	Price	2018 CPT Codes	Z Code
WHOLE GENOME SEQUENCING					
WGS001	MNGenome® TRIO Sequencing	2 - 6 Weeks	Call	81425, 81426 x2	
WGS002	MNGenome® Additional Comparator (only available when trio is ordered)	2 - 6 Weeks	Call	81426	
WGS003	MNGenome® Proband Only Sequencing	2 - 6 Weeks	Call	81425	
WGS008	MNGenome® DUO Sequencing	2 - 6 Weeks	Call	81425, 81426	
WHOLE EXOME SEQUENCING					
WES001	MNG Exome™ TRIO Sequencing	2 - 4 Weeks	\$4,395.00	81415, 81416 x2, 81460, 81465	
WES002	MNG Exome™ Additional Comparator (only available when trio is ordered)	2 - 4 Weeks	\$2,195.00	81416	
WES003	MNG Exome™ Proband Only Sequencing	2 - 4 Weeks	\$2,795.00	81415, 81460, 81465	
WES008	MNG Exome™ DUO Sequencing	2 - 4 Weeks	\$3,595.00	81415, 81416	
MNG XPRESS™ (10-14 DAY TAT)					
NGS418	MNG Xpress™ Actionable Epilepsy (NextGen Sequencing Panel and Copy Number Analysis)	10 - 14 Days	\$1,995.00	81405 x2, 81406 x3, 81407 x1, 81479	
WES001X	MNG Xpress Exome™ TRIO Sequencing	10 - 14 Days	\$4,895.00	81415, 81416, 81460, 81465	
WES003X	MNG Xpress Exome™ Proband Only Sequencing	10 - 14 Days	\$3,295.00	81415, 81460, 81465	
WES008X	MNG Xpress Exome™ DUO Sequencing	10 - 14 Days	\$4,095.00	81415, 81416	

WGS001X	MNGenome Xpress™ TRIO Sequencing	10 - 14 Days	Call	81425, 81426 x2	
WGS003X	MNGenome Xpress™ Proband Only Sequencing	10 - 14 Days	Call	81425	
WGS008X	MNGenome Xpress™ DUO Sequencing	10 - 14 Days	Call	81425, 81426	
CARRIER SCREENING					
WES006	MNG Carrier Exome™ Sequencing and Copy Number Analysis + mtDNA (for couples only)	2 - 4 Weeks	\$3,400.00	81479, 81415	
HEALTHY WHOLE EXOME SEQUENCING					
WES007	MNG Healthy Exome™ Sequencing and Copy Number Analysis + mtDNA	2 - 4 Weeks	\$1,860.00	81415	
RNA SEQUENCING					
RNA001	MNG Transcriptome™	2 - 4 Weeks	\$1,995.00	81479	
RNA002	Panel-Specific RNA Sequencing	2 - 4 Weeks	\$1,495.00	81479	
RNA003	Gene-Specific RNA Sequencing Targeted Analysis	2 - 4 Weeks	\$995.00	81479	
ENZYMOLOGY					
ENZ01	Aromatic L-amino Acid Decarboxylase Enzyme Analysis (Plasma)	3 Weeks	\$795.00	82657, 82542	
ENZ06	Thymidine Phosphorylase Enzyme Analysis (Blood)	3 Weeks	\$295.00	82657	
METABOLIC ANALYSES					
MET01	Amino Acids (CSF)	10 - 14 Days	\$245.00	82139	
MET02	Amino Acids (Plasma)	10 - 14 Days	\$220.00	82139	
MET03	Amino Acids (Urine)	10 - 14 Days	\$220.00	82139	
MET04	Coenzyme Q10 (Leukocytes)	10 - 14 Days	\$235.00	82542	
MET05	Coenzyme Q10 (Muscle)	10 - 14 Days	\$235.00	82542	
MET07	Lactate (CSF)	10 - 14 Days	\$110.00	83605	
MET08	Lactate (plasma)	10 - 14 Days	\$110.00	83605	
MET09	Phenylalanine Loading Assay (Plasma)	10 - 14 Days	\$440.00	82136	
MET10	Pyruvate (Blood)	10 - 14 Days	\$110.00	84210	
MET11	Pyruvate (CSF)	10 - 14 Days	\$110.00	84210	
MET12	Thymidine/Deoxyuridine Analytes (Plasma)	10 - 14 Days	\$210.00	82542	
MET19	Creatine and Guanidinoacetate (Urine)	10 - 14 Days	\$165.00	82017	
MET20	Alpha Amino adipic Semialdehyde (Urine)	10 - 14 Days	\$195.00	82017	
MET22	Folate Receptor Antibody Assay (Plasma/Serum)	10 - 14 Days	\$250.00	83520	
MET23	Creatine and Guanidinoacetate (Plasma)	10 - 14 Days	\$165.00	82017	
MET24	Glucose (Plasma)	10 - 14 Days	\$110.00	82947	

MET25	Folate Receptor Antibody Assay (CSF)	10 - 14 Days	\$250.00	83520	
MET29	3-O-Methylidopa (Plasma)	10 - 14 Days	\$180.00	82543	
	<i>GENE SEQUENCING (SANGER), DELETION/DUPLICATION (MLPA) , POINT MUTATIONS - INDIVIDUAL GENES & PANELS</i>				
MOL001	Mitochondrial DNA Depletion Testing (Muscle)	2 - 4 Weeks	\$495.00	81479	ZB6H0
MOL002	Mitochondrial DNA Deletion Analysis	2 - 4 Weeks	\$495.00	81465	
MOL021	Mitochondrial Genome Sequencing	2 - 4 Weeks	\$795.00	81460	
MOL025	DDC Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL026	ABCB7 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL027	ACADM Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL028	ACADS Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL029	ACADVL Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL030	ALDH7A1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL031	SLC25A4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL032	ATP1A2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL033	CACNA1A Full Gene Sequencing Analysis	2 - 4 Weeks	\$1,220.00	81407	
MOL034	CAPN3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	ZB6H2
MOL035	CAV3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL036	NDUFS1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL037	NDUFS4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL038	NDUFS7 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL039	NDUFS8 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL040	NDUFV1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL041	SDHA Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL042	SDHB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL043	SDHC Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL044	SDHD Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL045	BCS1L Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL046	COQ2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL047	COX10 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL048	COX15 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL049	CPT1A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	

MOL050	CPT2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	ZB6GX
MOL051	DGUOK Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL052	DYSF Full Gene Sequencing Analysis	2 - 4 Weeks	\$1,220.00	81408	
MOL053	TYMP Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL054	EIF2B1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL055	EIF2B2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL056	EIF2B3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL057	EIF2B4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL058	EIF2B5 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL059	FXN Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL060	GCH1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	ZB6GY
MOL061	GYS2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL062	HADHA Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL063	HADHB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL064	KCNA1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL065	LAMA2 Full Gene Sequencing and Copy Number Analysis	2 - 4 Weeks	\$1,100.00	81408	
MOL066	LMNA Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL067	MECP2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81302	
MOL068	MPV17 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL069	OPA1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81407	
MOL070	PDHA1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL071	PDSS1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL072	PDSS2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL073	C10ORF2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL074	PNPO Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL075	POLG Full Gene Sequencing and Copy Number Analysis	2 - 4 Weeks	\$795.00	81406	
MOL076	PYGM Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL077	RRM2B Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL078	SGCA Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL079	SGCB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL080	SGCD Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	

MOL081	SGCG Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL082	SCO1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL083	SCO2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL085	SLC25A20 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL086	HSPD1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL087	SPG7 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL088	SUCLA2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL089	SUCLG1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL090	SURF1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL091	TH Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL092	TPH2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL093	UBE3A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL094	DARS2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL095	SLC18A2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL096	PTS Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL097	SLC6A3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL098	TIMM8A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL099	MRPS16 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL100	UQCRB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL101	NDUFAF2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL102	NDUFA1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL103	NDUFS2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL104	NDUFS3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL105	NDUFV2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL106	NDUFAF1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL107	PUS1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL108	TUFM Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL109	POLG2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	ZB6H1
MOL110	APTX Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL111	TAZ Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL112	ATPAF2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	

MOL113	GFM1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL114	MFN2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL115	LRPPRC Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL116	GLRA1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL117	QDPR Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL118	RNASEH2B Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL119	TREX1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL120	GLRB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL121	SLC2A1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	ZB6GZ
MOL122	GFAP Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL124	RNASEH2A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL125	ALDH5A1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL126	SPR Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL127	SLC6A5 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL128	COQ3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL129	COQ4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL131	COQ6 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL132	COQ7 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL133	COQ9 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL137	TPM3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL138	ZMPSTE24 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL139	MTM1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL140	ADCK3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL141	DBH Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL142	ETFDH Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL143	POMT2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL144	MYOT Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL145	EMD Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL146	HCCS Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL147	BRAF Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL148	TCAP Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	

MOL149	FKRP Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL150	FKTN Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL151	NDUFAF5 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL152	RARS2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL153	POMT1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL154	RYR1 Full Gene Sequencing and Copy Number Analysis	2 - 4 Weeks	\$1,220.00	81408	
MOL155	GFER Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL156	TMEM126A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL157	NDUFS6 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL158	NDUFAF3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL159	TNNI2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL160	NDUFA2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL161	NDUFA11 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL162	NDUFAF4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL163	ETFA Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL164	ETFB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL165	FASTKD2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL166	FOLR1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL167	GARS Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL168	RNASEH2C Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL169	SLC25A19 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL170	SLC17A5 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL171	MTHFR Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL172	SAMHD1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL173	TMEM70 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL174	UQCRQ Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL182	COX6B1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL183	AIFM1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL184	PHOX2B Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL185	AMPD1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL186	SLC2A1 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	

MOL187	MECP2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81304	
MOL189	Mitochondrial Genome Sequencing + Deletion Analysis	2 - 4 Weeks	\$1,095.00	81460, 81465	
MOL208	CACNA1A Copy Number Analysis	2 - 4 Weeks	\$795.00	81479	
MOL209	ADSL Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL210	FOXRED1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL211	NUBPL Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL212	GLDC Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL213	GCDH Full Gene Sequencing	2 - 4 Weeks	\$795.00	81406	
MOL214	ATP1A2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL215	GCH1 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL216	KCNQ2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL217	PDHA1 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL218	SCN1A MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL219	GLDC MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL222	PDHB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL223	PDP1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL224	DLAT Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL225	DLD Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL226	PC Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL227	CACNB4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL228	SLC1A3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL229	KCNQ2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL231	SLC2A1 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81405, 81479	ZB6XY
MOL232	Mitochondrial Genome Sequencing + Deletion Analysis + Depletion Testing (Leukocyte)	2 - 4 Weeks	\$1,395.00	81460, 81465, 81479	
MOL233	SLC12A3 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81407	
MOL234	GCH1 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81405, 81479	
MOL235	PDHA1 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81405	
MOL236	GLDC Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81479	
MOL237	DHFR Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL238	FOXP2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL239	CAPN3 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	

MOL240	CAPN3 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81479	
MOL241	TACO1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL242	ACAD8 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL243	ACAD9 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL244	SLC12A3 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL245	SLC12A3 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81407, 81479	
MOL246	SLC6A8 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL247	SGCE Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL248	SCN1A Full Gene Sequencing and Copy Number Analysis	2 - 4 Weeks	\$1,095.00	81407, 81479	
MOL249	Known Familial Variant (KFV) Analysis (each mutation)	2 - 4 Weeks	\$295.00	81403, 81479	ZB75K
MOL250	MPZ Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL251	GPHN Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL252	SLC6A4 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL253	PGAM2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL254	CHKB Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL255	SCN1B Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL256	SPAST Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL257	MECP2 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81302, 81479	
MOL258	SCN9A Full Gene Sequencing and Copy Number Analysis	2 - 4 Weeks	\$795.00	81479	
MOL259	Friedreich Ataxia Genetic Testing (Repeat Expansion)	2 - 4 Weeks	\$295.00	81401	
MOL260	ACADVL MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL261	ACADVL Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81479	
MOL262	SLC22A5 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL264	SPAST MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL265	SPAST Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81405	
MOL266	ATL1/SPG3 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL267	ATL1/SPG3 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81479	
MOL268	CLCNKA Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL270	KCNJ1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL271	BSND Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL272	PFKM Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	

MOL274	PDXK Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL276	PMP22 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81324	
MOL277	GJB1 (CX32) MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL278	MPZ MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL281	DOK7 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL282	SGCE MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL283	SGCE Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81405	
MOL286	CLCNKB MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL287	CLCNKB Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406	
MOL289	MTM1 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL290	MTM1 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81405	
MOL291	OPA1 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81406	
MOL292	OPA1 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81407, 81406	
MOL293	MFN2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL294	POLG MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL295	ATP5E Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL299	Myotonic Dystrophy 1 (DMPK) Genetic Testing (Repeat Expansion)	2 - 4 Weeks	\$295.00	81401	
MOL301	Spinal Muscular Atrophy (SMN1/SMN2) MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81401	
MOL302	Dystrophin MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$795.00	81161	
MOL303	Myotonic Dystrophy 2 (ZNF9/CNBP) Genetic Testing (Repeat Expansion)	2 - 4 Weeks	\$295.00	81401	
MOL305	TK2 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81405	
MOL306	ARHGEF9 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL307	CACNA1S Full Gene Sequencing Analysis	2 - 4 Weeks	\$1,210.00	81479	
MOL308	GLUL Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL309	ADAR Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL313	C10ORF2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL314	FKRP MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL315	GARS MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL316	HSPB1 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81404	
MOL317	LAMA2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$795.00	81479	
MOL318	MPV17 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81404	

MOL319	NEFL MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL320	PRX MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL321	RAB7A MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81405	
MOL322	RRM2B MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL324	SGCA MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL325	SGCB MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL326	SGCD MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL327	SGCG MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81404	
MOL328	SLC25A4 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL329	TK2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81479	
MOL330	KCNQ2 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81406, 81479	
MOL331	SPTLC1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL332	GJB1 (CX32) Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81403	
MOL333	GJB1 (CX32) Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81403, 81479	
MOL334	Mitochondrial DNA Depletion Testing (Leukocyte)	2 - 4 Weeks	\$495.00	81479	
MOL335	LITAF Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81404	
MOL336	SEPT9 Full Gene Sequencing and Copy Number Analysis	2 - 4 Weeks	\$795.00	81479	
MOL339	DARS Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL340	Mitochondrial Genome Sequencing + Deletion Analysis + Depletion Testing (Muscle)	2 - 4 Weeks	\$1,395.00	81460, 81465, 81479	
MOL341	GNE Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL342	DPYS Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL343	SPG11 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$495.00	81407	
MOL344	PMP22 Full Gene Sequencing Analysis	2 - 4 Weeks	\$495.00	81325	
MOL345	PMP22 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$1,095.00	81325, 81479	
MOL346	SCN10A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL347	SCN11A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL348	SCN5A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81407	
MOL349	PAH Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL350	PKD1/PKD2 MLPA Duplication/Deletion Analysis	2 - 4 Weeks	\$795.00	81479	
MOL351	GAMT Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL352	GATM Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	

MOL354	DEPDC5 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL355	CLCN1 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL356	SCN4A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81406	
MOL360	PEX6 Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL362	TUBB4A Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81476	
MOL364	C9orf72 Repeat Expansion Analysis	2 - 4 Weeks	\$295.00	81401	ZB6XN
MOL366	Huntington Disease: HTT Repeat Expansion Analysis	2 - 4 Weeks	\$295.00	81401	
MOL367	PROSC Full Gene Sequencing Analysis	2 - 4 Weeks	\$795.00	81479	
MOL368	SCA1 (ATXN1) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL369	SCA2 (ATXN2) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL370	SCA3 (ATXN3) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL371	SCA6 (CACNA1A) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL372	SCA7 (ATXN7) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL373	SCA8 (ATXN8) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL374	SCA10 (ATXN10) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL375	SCA12 (PPP2R2B) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL376	SCA17 (TBP) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL377	SCA36 (NOP56) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81479	
MOL378	DRPLA (ATN1) Genetic Testing (Repeat expansion)	2 - 4 Weeks	\$295.00	81401	
MOL379	Spinocerebellar Ataxia Repeat Panel (SCA 8, 10, 12, 17, 36, & DRPLA)	2 - 4 Weeks	\$895.00	81401	ZB87D
MOL380	Comprehensive Spinocerebellar Ataxia Repeat Expansion Panel (SCA 1, 2, 3, 6, 7, 8, 10, 12, 17, 36, & DRPLA)	2 - 4 Weeks	\$895.00	81401	ZB6XR
MOL381	Fragile X Repeat Expansion + Methylation Analysis	2 - 4 Weeks	\$385.00	81243, 81244	
MOL388	CYP21A2 (Congenital Adrenal Hyperplasia) Deletion/Duplication and Selected Variant Analysis	2 - 4 Weeks	\$495.00	81402	
MOL389	GBA (Gaucher Disease) Deletion/Duplication Analysis	2 - 4 Weeks	\$495.00	81479	
MOL390	HBA1 and HBA2 (Alpha-thalassemia) Deletion/Duplication and Selected Variant Analysis	2 - 4 Weeks	\$495.00	81257	
MOL391	Comprehensive Ataxia Repeat Expansion Panel (SCA 1, 2, 3, 6, 7, 8, 10, 12, 17, 36, DRPLA & FRDA)	3 - 4 Weeks	\$1,190.00	81401	
	NEUROCHEMISTRY ANALYSES				
NC01	5-Methyltetrahydrofolate (CSF)	10 - 14 Days	\$190.00	82542	
NC02	Neopterin (CSF)	10 - 14 Days	\$105.00	82542	
NC03	Neopterin/Tetrahydrobiopterin (CSF)	10 - 14 Days	\$200.00	82542	
NC04	Neurotransmitter Metabolites (5HIAA, HVA, 3OMD) (CSF)	10 - 14 Days	\$200.00	82542, 83497, 83150	

NC05	Pyridoxal 5'-phosphate (CSF)	10 - 14 Days	\$190.00	82542	
NC06	Succinyladenosine (CSF)	10 - 14 Days	\$190.00	82542	
NC07	Sialic Acid (CSF)	10 - 14 Days	\$190.00	82017	
NC08	Alpha-aminoadipic Semialdehyde (CSF)	10 - 14 Days	\$190.00	82017	
NC09	4-Hydroxybutyric Acid (CSF)	10 - 14 Days	\$195.00	82542	
NC10	Glucose (CSF)	10 - 14 Days	\$105.00	82947	
NEXT GENERATION SEQUENCING (NGS) PANELS					
NGS197	Coenzyme Q10 Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479, 81405, 81406	
NGS198	Comprehensive mtDNA Depletion Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81460, 81465, 81479	
NGS301	Comprehensive Cellular Energetics Defects (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81440, 81460, 81465	ZB6ZN
NGS302	Carbohydrate Metabolism Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81479	
NGS303	Lipid Metabolism Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81479	
NGS304	Pyruvate Metabolism Disorders (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81460, 81465, 81405, 81406 x3	
NGS305	PDH/Tricarboxylic Acid Cycle (TCA) Defects (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81460, 81465, 81405, 81406 x3	
NGS306	Oxidative Phosphorylation (OXPHOS) Defects (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460, 81465, 81479	
NGS307	Ceroid Lipofuscinosis Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406, 81479	
NGS308	Creatine Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS309	Cobalamin/Homocysteine/Methionine Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS310	GABA Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS311	Glutaric Acidemia Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406, 81479	
NGS312	Ketone Body Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS313	Lysosomal Disease (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81404, 81406 x4, 81479	
NGS314	Methylmalonic Acid Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405 x2, 81406, 81479	
NGS315	Neurotransmitter Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$2,495.00	81479	
NGS316	Dopamine Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS317	Serotonin Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS318	Tetrahydrofolate Metabolism Deficiency (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS319	Fever Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479, 81404	
NGS320	Tyrosinemia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406, 81479	
NGS321	Urea Cycle Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405, 81406, 81479	

NGS323	Amyotrophic Lateral Sclerosis (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404, 81405, 81406, 81479	ZB5XV
NGS324	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460, 81465, 81404 x1, 81405 x2, 81406 x2, 81407 x1, 81408 x1, 81479	ZB5XW
NGS325	Comprehensive Intellectual Disability/Autism (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460, 81465, 81470, 81471, 81302, 81304, 81404, 81405, 81406 x2	ZB6ZM
NGS327	Congenital Glycosylation Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479	
NGS330	Comprehensive Muscular Dystrophy/Myopathy (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460, 81465, 81479, 81161, 81405 x6, 81406 x2, 81408 x3	ZB5XY
NGS331	Congenital Myasthenic Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406, 81479	
NGS332	Hypokalemic and Hyperkalemic Periodic Paralysis Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406, 81479	
NGS333	Malignant Hyperthermia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479, 81408	
NGS335	Neurofibromatosis (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406, 81408, 81479	ZB5XY
NGS337	Spastic Paraplegia (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81404, 81405, 81406 x3, 81407, 81479	
NGS343	Peroxisomal Disease (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479	
NGS344	Aicardi-Goutieres Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	ZB75H
NGS345	Charcot-Marie-Tooth Disease (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,195.00	81460, 81465, 81324, 81325, 81404 x3, 81405 x4, 81406 x3	ZB85J
NGS345A	Charcot-Marie-Tooth Disease, Axonal (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81324, 81325, 81404 x3, 81405 x4, 81406 x3	ZB85N
NGS345D	Charcot-Marie-Tooth Disease, Demyelinating (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81324, 81325, 81404 x3, 81405 x4, 81406 x3	
NGS346	Hereditary Sensory & Autonomic Neuropathy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS347	Spinal Muscular Atrophy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405, 81479	
NGS348	Fetal Akinesia, Arthrogryposis, or Contractures (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$2,495.00	81479	
NGS349	Nonsyndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479, 81406, 81470	
NGS350	Syndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81302, 81304, 81404, 81405, 81479	
NGS351	Leigh Disease (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81404, 81405 x7, 81406 x2, 81479	
NGS352	Comprehensive Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81405, 81406, 81460, 81465, 81479	
NGS353	Cellular Energetics Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81456, 81460, 81405, 81406, 81479	
NGS354	Non-mitochondrial Comprehensive Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479	
NGS355	Cytochrome C Oxidase Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81404 x2, 81405 x3, 81406	ZB5YR

NGS356	Alzheimer Disease/Frontotemporal Dementia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81404, 81405, 81406 x2, 81479	ZB6XP
NGS357	Parkinson's Disease/Parkinsonism (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81405, 81406, 81479	ZB85P
NGS358	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81460, 81465, 81479, 81404 x2, 81405 x2, 81406	
NGS359	Primary Dystonia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	ZB85O
NGS360	Basal Ganglia Calcification Dystonia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS361	OXPHOS Defect Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81460, 81465, 81479	
NGS362	Neurodegeneration with Brain Iron Accumulation (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS363	Comprehensive Cardiomyopathy (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81439, 81460, 81465	
NGS364	Left Ventricular Noncompaction Cardiomyopathy Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81407, 81479	
NGS365	Hereditary Cardiac Arrhythmia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81439, 81479	
NGS366	Hereditary Ventricular Tachycardia Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406 x2, 81407 x2, 81408, 81479	
NGS367	Arrhythmogenic Right Ventricular Dysplasia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81439, 81479	ZB80M
NGS368	Long and Short QT Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81403, 81404, 81406, 81479	
NGS369	Brugada Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81407, 81479	ZB72R
NGS370	Congenital Heart Defects (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81405, 81407 x3, 81479	
NGS371	Congenital Central Hypoventilation Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404, 81479	
NGS372	Comprehensive Leukodystrophy/Leukoencephalopathy (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460,81465, 81405 x2, 81406 x3, 81479	
NGS373	Non-Mitochondrial Leukodystrophy/Leukoencephalopathy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81405 x2, 81406 x3, 81479	
NGS374	Mitochondrial Leukodystrophy/Leukoencephalopathy (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81479, 81460, 81465	
NGS375	Vanishing White Matter, Dysmyelinating, and Hypomyelinating Leukodystrophy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81405, 81406 x3, 81479	
NGS376	Comprehensive Dementia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479, 81404, 81405 x2, 81406 x3	ZB6XQ
NGS377	Ehlers Danlos, Ehlers Danlos-like Syndromes, and Aneurysm Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81408 x2, 81479	
NGS378	Marfan and Marfan-like Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81408, 81479	
NGS379	Polycystic Kidney Disease (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS380	Amyloid Related Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404 x2, 81479	
NGS381	Mucopolysaccharidosis and Mucolipid Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405, 81406, 81479	
NGS383	Comprehensive Metabolic Disease Hepatomegaly (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,995.00	81479	
NGS384	Carbohydrate Metabolism Hepatomegaly (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	

NGS385	Comprehensive Epilepsy (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460, 81465, 81405 x2, 81406 x3, 81407 x1, 81479	ZB5P1
NGS386	Epileptic Encephalopathy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81302, 81304, 81406 x2, 81407, 81404	
NGS387	Comprehensive Neuronal Migration Disorders (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81405, 81479	
NGS388	Non-Mitochondrial Neuronal Migration Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81405, 81479	
NGS389	Mitochondrial Neuronal Migration Disorders (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81405, 81479	
NGS392	Barter/Gitelman Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404, 81406, 81407 x2, 81479	
NGS393	Maple Syrup Urine Disease (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405, 81406 x2, 81479	
NGS394	Joubert Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81407 x2, 81479	
NGS395	Meckel Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81407, 81408, 81479	
NGS396	Porphyria Disorders (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS397	Osteogenesis Imperfecta (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81408 x2, 81479	
NGS398	Macrocephaly and Overgrowth Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81302, 81304, 81405, 81406 x3, 81407, 81408, 81479	
NGS399	Heterotaxy Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS400	Pain Syndromes (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81479	
NGS401	Stickler Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS402	Usher Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404, 81407 x2, 81408 x2	
NGS404	Hypothyroidism (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS405	Amyotrophic Lateral Sclerosis (NGS Panel and Copy Number Analysis + C9orf72 Repeat Expansion Analysis)	2 - 4 Weeks	\$1,995.00	81404, 81405, 81406, 81479 x2	
NGS406	Alzheimer Disease/Frontotemporal Dementia (NGS Panel and Copy Number Analysis + C9orf72 Repeat Expansion Analysis)	2 - 4 Weeks	\$2,195.00	81404, 81405, 81406 x2, 81479 x2	ZB6XO
NGS407	Comprehensive Dementia (NGS Panel and Copy Number Analysis + C9orf72 Repeat Expansion Analysis)	2 - 4 Weeks	\$2,195.00	81479 x2, 81404, 81405 x2, 81406 x3	ZB8AW
NGS408	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + HTT Repeat Expansion Analysis)	2 - 4 Weeks	\$2,695.00	81460, 81465, 81404 x1, 81405 x2, 81406 x2, 81407 x1, 81408 x1, 81479, 81401	ZB85L
NGS409	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA + HTT Repeat Expansion Analysis)	2 - 4 Weeks	\$2,195.00	81460, 81465, 81479 x2, 81404 x2, 81405 x2, 81406	ZB5XX
NGS410	Comprehensive Dementia (NGS Panel and Copy Number Analysis + HTT Repeat Expansion Analysis)	2 - 4 Weeks	\$2,195.00	81401, 81479, 81404, 81405 x2, 81406 x3	
NGS411	Comprehensive Dementia (NGS Panel and Copy Number Analysis + C9orf72 & HTT Repeat Expansion Analysis)	2 - 4 Weeks	\$2,395.00	81401, 81479 x2, 81404, 81405 x2, 81406 x3	ZB85M
NGS412	Myoclonic Epilepsy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,995.00	81403, 81404, 81406, 81479	
NGS413	Congenital Myopathies (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81408 x2, 81479	

NGS414	Noonan Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81406 x3, 81479	
NGS417	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + SCA & HTT Repeat Expansion Analysis)	2 - 4 Weeks	\$2,695.00	81460, 81465, 81404 x1, 81405 x2, 81406 x2, 81407 x1, 81408 x1, 81479, 81401 x8	
NGS419	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + FRDA Repeat Expansion Analysis)	2 - 4 Weeks	\$2,695.00	81460, 81465, 81404 x1, 81405 x2, 81406 x2, 81407 x1, 81408 x1, 81479, 81401	ZB85K
NGS420	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + SCA & FRDA Repeat Expansion Analysis)	2 - 4 Weeks	\$2,695.00	81460, 81465, 81404 x1, 81405 x2, 81406 x2, 81407 x1, 81408 x1, 81479, 81401 x8	
NGS421	Congenital Muscular Dystrophies (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404, 81405, 81406 x4	
NGS422	Limb-Girdle Muscular Dystrophy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81404, 81405 x4, 81406 x3, 81408	
NGS423	Emery-Dreifuss Muscular Dystrophy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81161, 81408, 81404, 81405, 81406	
NGS424	Duchenne/Becker Muscular Dystrophy (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81161, 81408	
NGS425	Microcephaly (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81302, 81304, 81407, 81479	
NGS426	Hydrocephalus (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405 x2, 81406 x2, 81407, 81479	
NGS427	X-linked Intellectual Disability (NGS Panel and Copy Number Analysis + Fragile X Repeat Expansion & Methylation)	2 - 4 Weeks	\$1,995.00	81470, 81471, 81243, 81244, 81302, 81304, 81404, 81405, 81479	
NGS428	Tuberous Sclerosis (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81045, 81479	
NGS429	Familial Hemiplegic Migraine (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81406, 81407 x2, 81479	
NGS430	Stroke (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$1,795.00	81405 x2, 81408, 81460, 81465, 81479	
NGS431	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + SCA Repeat Expansion Analysis)	2 - 4 Weeks	\$2,695.00	81460, 81465, 81404 x1, 81405 x2, 81406 x2, 81407 x1, 81408 x1, 81479, 81401 x7	
NGS432	Comprehensive Intellectual Disability/Autism (NGS Panel and Copy Number Analysis + mtDNA + Fragile X Repeat Expansion and Methylation)	2 - 4 Weeks	\$2,695.00	81460, 81465, 81470, 81243, 81244, 81471, 81302, 81304, 81404, 81405, 81406 x2	ZB72Q
NGS445	Comprehensive Neuropathies (NGS Panel and Copy Number Analysis + mtDNA)	2 - 4 Weeks	\$2,495.00	81460, 81465, 81324, 81325, 81404 x3, 81405 x4, 81406 x3	
NGS446	Dopa-Responsive Dystonia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS447	Sarcoglycanopathies (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS448	Hyperekplexia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	
NGS449	Hyperphenylalaninemia (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81405, 81076, 81479	
NGS450	Creatine Deficiency Syndrome (NGS Panel and Copy Number Analysis)	2 - 4 Weeks	\$1,795.00	81479	

	<i>TISSUE CULTURE</i>				
TC01	Cryopreservation of Cells	7 Days	\$345.00	88240	
TC03	Thaw & Expand Cells	3 Weeks	\$445.00	88241	
TC04	Tissue Culture of Lymphocytes with EBV Transformation	4 Weeks	\$560.00	88230	
TC05	Mycoplasma Testing of Cells	7 Days	\$210.00	87581	
TC06	Tissue Culture of Skin Fibroblasts (Includes Skin Biopsy Processing)	3 Weeks	\$445.00	88233	