BCM-MEDICAL GENETICS LABORATORIES

PHONE: 800-411-GENE | FAX: 713-798-2787 | www.bcmgeneticlabs.org

SHIP TO: Medical Genetics Laboratories
Baylor College of Medicine
2450 Holcombe, Grand Blvd. -Receiving Dock
Houston, TX 77021-2024
Phone: 713-798-6555

MOLECULAR DIAGNOSTIC REQUISITION

PATIENT INFORMATION

NAME: _____ (LAST NAME) _____ (FIRST NAME) ___ (MI)

DATE OF BIRTH: ___ / ___ / ___ (MM / DD / YY)

GENDER (Please select one): ☐ FEMALE ☐ MALE ☐ UNKNOWN

-OR-
PLACE PATIENT STICKER HERE

SAMPLE INFORMATION

DATE OF COLLECTION: ___ / ___ / ___ (MM / DD / YY)

HOSPITAL#: _____ ACCESSION#: _____

SAMPLE TYPE (Please select one):

☐ BLOOD
☐ CORD BLOOD
☐ SKELETAL MUSCLE
☐ MUSCLE
☐ DNA (Specify Source): _____
☐ OTHER (Specify): _____

ETHNIC BACKGROUND (Select all that apply):

☐ AFRICAN AMERICAN
☐ ASIAN
☐ ASHKENAZIC JEWISH
☐ EUROPEAN CAUCASIAN
☐ HISPANIC
☐ NATIVE AMERICAN INDIAN
☐ OTHER JEWISH
☐ OTHER (Please specify): _____

REPORTING INFORMATION

PHYSICIAN: _____

INSTITUTION: _____

PHONE: _____ FAX: _____

EMAIL (INTERNATIONAL CLIENT REQUIREMENT): _____

ADDITIONAL PROFESSIONAL REPORT RECIPIENTS

NAME: _____

PHONE: _____ FAX: _____

NAME: _____

PHONE: _____ FAX: _____

INDICATION FOR STUDY

☐ SYMPTOMATIC (Summarize below.):

☐ ASYMPTOMATIC/POSITIVE FAMILY HISTORY: (ATTACH FAMILY HISTORY)

RELATIONSHIP TO PROBAND: _____

*If family mutation is known, complete the FAMILIAL MUTATION/ VARIANT ANALYSIS section.

☐ ASYMPTOMATIC/POPULATION SCREENING

☐ OTHER (Specify clinical findings below):

☐ *FAMILIAL MUTATION/VARIANT ANALYSIS:

COMPLETE ALL FIELDS BELOW AND ATTACH THE PROBAND'S REPORT.

GENE NAME: _____

MUTATION/UNCLASSIFIED VARIANT: _____

THIS INDIVIDUAL IS CURRENTLY: ☐ SYMPTOMATIC ☐ ASYMPTOMATIC

NAME OF PROBAND: _____

RELATIONSHIP TO PROBAND: _____

BCM LAB#: _____

☐ A COPY OF ORIGINAL RESULTS ATTACHED

IF PROBAND TESTING WAS PERFORMED AT ANOTHER LAB, CALL TO DISCUSS PRIOR TO SENDING SAMPLE. A POSITIVE CONTROL MAY BE REQUIRED IN SOME CASES.

REQUIRED: NEW YORK STATE PHYSICIAN SIGNATURE OF CONSENT

I certify that the patient specified above and/or their legal guardian has been informed of the benefits, risks, and limitations of the laboratory test(s) requested. I have answered this person's questions. I have obtained informed consent from the patient or their legal guardian for this testing.

Physician's Printed Name: _____ Signature: _____ Date (MM/DD/YY): _____

LAST UPDATED: 11/25/2013

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AVAILABLE MASSIVELY PARALLEL SEQUENCING (BCM-MitomeNGS[SM]) & MitoMet PANELS LISTED BY DISORDER

☐	2105	Cholestasis	4 GENES	*ABCB4, ABCB11, ATP8B1, JAG1*
☐	2104	Coenzyme Q10 Deficiency Comprehensive (Seq & Del/Dup Analysis)	5 GENES	*PDSS1, PDSS2, COQ2, COQ9, ADCK3 (COQ8/CABC1)*
☐	2100	Coenzyme Q10 Deficiency	5 GENES	*PDSS1, PDSS2, COQ2, COQ9, ADCK3 (COQ8/CABC1)*
☐	2103	Coenzyme Q10 Deficiency Deletion/Duplication Analysis	5 GENES	*PDSS1, PDSS2, COQ2, COQ9, ADCK3 (COQ8/CABC1)*
☐	2124	Cobalamin Metabolism Disorders Comprehensive (Seq & Del/Dup Analysis)	9 GENES	*TCN2, MMAA, MMAB, MMACHC, MMADHC, MTR, MTRR, LMBRD1, MUT*
☐	2120	Cobalamin Metabolism Disorders	9 GENES	*TCN2, MMAA, MMAB, MMACHC, MMADHC, MTR, MTRR, LMBRD1, MUT*
☐	2123	Cobalamin Metabolism Disorders Deletion/Duplication Analysis	9 GENES	*TCN2, MMAA, MMAB, MMACHC, MMADHC, MTR, MTRR, LMBRD1, MUT*
☐	2625	COL1A1/2-Related Disorders	2 GENES	*COL1A1, COL1A2*
☐	5099	Congenital Disorders of Glycosylation Comprehensive (Seq & Del/ Dup Analysis)	27 GENES	*ALG1, ALG2, ALG3, ALG6, ALG8, ALG9, ALG12, ATP6V0A2, B4GALT1, COG1, COG7, COG8, DOLK, DPAGT1, DPM1, DPM3, GNE, MGAT2, MOGS, MPDU1, MPI, PMM2, RFT1, SLC35A1, SLC35C1, SRD5A3, TUSC3*
☐	5095	Congenital Disorders of Glycosylation	27 GENES	*ALG1, ALG2, ALG3, ALG6, ALG8, ALG9, ALG12, ATP6V0A2, B4GALT1, COG1, COG7, COG8, DOLK, DPAGT1, DPM1, DPM3, GNE, MGAT2, MOGS, MPDU1, MPI, PMM2, RFT1, SLC35A1, SLC35C1, SRD5A3, TUSC3*
☐	5098	Congenital Disorders of Glycosylation Deletion/Duplication Analysis	27 GENES	*ALG1, ALG2, ALG3, ALG6, ALG8, ALG9, ALG12, ATP6V0A2, B4GALT1, COG1, COG7, COG8, DOLK, DPAGT1, DPM1, DPM3, GNE, MGAT2, MOGS, MPDU1, MPI, PMM2, RFT1, SLC35A1, SLC35C1, SRD5A3, TUSC3*
☐	2095	Fatty Acid Oxidation	17 GENES	*ACADM, ACADVL, ACADL, HADHA, HADHB, SLC22A5/OCTN2, SLC25A20/CACT, CPT1A, CPT1B, CPT2, ETFA, ETFB, ETFDH, ACADS, PAP/LPIN1, ACAD9, TAZ*
☐	2125	Glycogen Metabolism Disorder	16 GENES	*AGL, G6PC, GAA, GBE1, GYS1, GYS2, PFKM, PGAM2, PGM1, PHKA1, PHKA2, PHKB, PHKG2, PYGL, PYGM, SLC37A*
☐	2126	Glycogen Storage Disease (GSD) Muscle	9 GENES	*AGL, GAA, GYS1, PFKM, PGAM2, PGM1, PHKA1, PHKB, PYGM*
☐	2127	Glycogen Storage Disease (GSD) Liver	10 GENES	*AGL, G6PC, GAA, GBE1, GYS2, PHKA2, PHKB, PHKG2, PYGL, SLC37A4*
☐	2200	High Bone Mass	14 GENES	*ANKH, CA2, CLCN7, CTSK, FAM123B, FAM20C, LEMD3, OSTM1, SOST, TCIRG1, TGFB1, TNFRSF11A, TNFSF11, TYROBP*
☐	2090	Low Bone Mass	20 GENES	*ALPL, B4GALT7, COL1A1, COL1A2, COL3A1, COL5A1, COL5A2, CRTAP, FBN1, FKBP10, LEPRE1, PLOD2, PLOD3, PPIB, SERPINF1, SLC34A1, SLC39A13, SLC9A3R1, SP7, TNFRSF11A, TNFRSF11B*
☐	2300	Myopathy/Rhabdomyosis	26 GENES	*ACADL , ACADM, ACADVL, ACAD9, AGL, C10orf2, CPT1B, CPT2, GAA, GYS1, HADHA, HADHB, LPIN1, OPA1, OPA3, PFKM, PGAM2, PGM1, PHKA1, POLG, POLG2, PYGM, RRM2B, SUCLA2, TK2, TYMP*
☐	2190	Retinitis Pigmentosa	66 GENES*	*ABCA4, ABHD12, AIPL1, BEST1, C2orf71, C8orf37, CA4, CDHR1, CEP290, CERKL, CLRN1, CNGA1, CNGB1, CRB1, CRX, DHDDS, EYS, FAM161A, FLVCR1, FSCN2, GUCA1B, GUCY2D, IDH3B, IMPDH1, IMPG2, KLHL7, LCA5, LRAT, MAK, MERTK, MFRP, NR2E3, NRL, PDE6A, PDE6B, PDE6G, PRCD, PRKCG, PROM1, PRPF3, PRPF31, PRPF6, PRPF8, PRPH2, RBP3, RD3, RDH12, RGR, RHO, RLBP1, ROM1, RP1, RP2, RP9, RPE65, RPGR, RPGRIP1, SAG, SEMA4A, SNRNP200, SPATA7, TOPORS, TTC8, TULP1, USH2A, ZNF513*

* For individual gene sequencing tests for Retinitis Pigmentosa, please see INHERITED EYE DISORDERS REQUISITION.

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AVAILABLE TESTS LISTED BY DISORDER

Please see the Mitochondrial, Biochemical, Cancer-CYTO, Cancer-DNA, Cytogenetics, PMGP, Prenatal-CMA, or Prenatal Requisition Form for other available tests.
For Familial Mutation/Variant Analysis, complete indication information on page 1.

2,4-Dienoyl-CoA Reductase Deficiency			*DECR1*
☐	5039	*DECR1* Comprehensive (Seq & Del/Dup Analysis)	
☐	5035	*DECR1* Sequence Analysis	
☐	5038	*DECR1* Deletion/Duplication Analysis	
2-Methyl-3-Hydroxybutyryl-CoA Dehydrogenase Deficiency			*HSD17B10*
☐	5044	*HSD17B10* Comprehensive (Seq & Del/Dup Analysis)	
☐	5040	*HSD17B10* Sequence Analysis	
☐	5043	*HSD17B10* Deletion/Duplication Analysis	
3-Methylcrontonyl-CoA-Carboxylase Deficiency			
☐	2874	Panel Comprehensive (Seq & Del/Dup Analysis) (includes tests: 3635, 3638, 3640, and 3643)	
☐	3782	Panel Sequence Analysis (includes tests: 3635 and 3640)	
☐	2783	Panel Deletion/Duplication Analysis (includes tests: 3638 and 3643)	
☐	3639	*MCCC1* Comprehensive (Seq & Del/Dup Analysis)	*MCCC1*
☐	3635	*MCCC1* Sequence Analysis	*MCCC1*
☐	3638	*MCCC1* Deletion/Duplication Analysis	*MCCC1*
☐	3644	*MCCC2* Comprehensive (Seq & Del/Dup Analysis)	*MCCC2*
☐	3640	*MCCC2* Sequence Analysis	*MCCC2*
☐	3643	*MCCC2* Deletion/Duplication Analysis	*MCCC2*
3-Methylglutaconic Aciduria Type I			*AUH*
☐	3914	*AUH* Comprehensive (Seq & Del/Dup Analysis)	
☐	3910	*AUH* Sequence Analysis	
☐	3913	*AUH* Deletion/Duplication Analysis	
ABCA4-Related Disorders			*ABCA4*
☐	6603	*ABCA4* Comprehensive (Seq & Del/Dup Analysis)	
☐	6600	*ABCA4* Sequence Analysis	
☐	6667	*ABCA4* Deletion/Duplication Analysis	
Achondroplasia			
☐	6000	Mutation Panel	
Acute Recurrent Myoglobinuria (LPIN1-Related Disorders)			*LPIN1*
☐	3284	*LPIN1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3280	*LPIN1* Sequence Analysis	
☐	3283	*LPIN1* Deletion/Duplication Analysis	
Acyl-CoA Dehydrogenase, Short/Branched Chain Deficiency			*ACADSB*
☐	2034	*ACADSB* Comprehensive (Seq & Del/Dup Analysis)	
☐	2030	*ACADSB* Sequence Analysis	
☐	2033	*ACADSB* Deletion/Duplication Analysis	
Adenine Phosphoribosyltransferase Deficiency			*APRT*
☐	2825	*APRT* Sequence Analysis	
Adenosine Deaminase Deficiency			*ADA*
☐	5010	*ADA* Sequence Analysis	
Adenylosuccinase Deficiency			*ADSL*
☐	3699	*ADSL* Comprehensive (Seq & Del/Dup Analysis)	
☐	3695	*ADSL* Sequence Analysis	
☐	3698	*ADSL* Deletion/Duplication Analysis	
Alagille Syndrome			*JAG1*
☐	3759	*JAG1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3755	*JAG1* Sequence Analysis	
☐	3758	*JAG1* Deletion/Duplication Analysis	
ALPL-Related Disorders			*ALPL*
☐	2250	*ALPL* Sequence Analysis	
Amish Lethal Microcephaly			*SLC25A19*
☐	3884	*SLC25A19* Comprehensive (Seq & Del/Dup Analysis)	
☐	3880	*SLC25A19* Sequence Analysis	
☐	3883	*SLC25A19* Deletion/Duplication Analysis	
Androgen Insensitivity Syndrome			*AR*
☐	6490	*AR* Sequence Analysis	
Angelman Syndrome			*UBE3A*
☐	6006	Methylation	
☐	6007	*UBE3A* Sequence Analysis	
Angelman-like Syndrome, X-linked			*SLC9A6*
☐	6540	*SLC9A6* Sequence Analysis	
ANKH-Related Disorders			*ANKH*
☐	2584	*ANKH* Comprehensive (Seq & Del/Dup Analysis)	
☐	2580	*ANKH* Sequence Analysis	
☐	2583	*ANKH* Deletion/Duplication Analysis	
Arginase Deficiency			*ARG1*
☐	3429	*ARG1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3425	*ARG1* Sequence Analysis	
☐	3428	*ARG1* Deletion/Duplication Analysis	
Arginine:Glycine Amidinotransferase Deficiency			*GATM*
☐	3459	*GATM* Comprehensive (Seq & Del/Dup Analysis)	
☐	3455	*GATM* Sequence Analysis	
☐	3458	*GATM* Deletion/Duplication Analysis	
Argininosuccinic Aciduria			*ASL*
☐	6360	*ASL* Sequence Analysis	
ARX-Related Disorders			*ARX*
☐	6742	*ARX* Comprehensive (Seq & Del/Dup Analysis)	
☐	6067	*ARX* Sequence Analysis	
☐	6743	*ARX* Deletion/Duplication Analysis	

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AVAILABLE TESTS LISTED BY DISORDER

Please see the Mitochondrial, Biochemical, Cancer-CYTO, Cancer-DNA, Cytogenetics, PMGP, Prenatal-CMA, or Prenatal Requisition Form for other available tests.
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Ashkenazic Genetic Disease Panel			
☐	6001	Mutation Panel	
Ashkenazic Genetic Disease Screen			
☐	6942	w/ Cystic Fibrosis Mutation Panel[2]	
☐	6944	w/o Cystic Fibrosis Mutation Panel	
Aspartylglycosaminuria			*AGA*
☐	2205	*AGA* Sequence Analysis	
Autoimmune Polyendocrinopathy 1			*AIRE*
☐	6195	*AIRE* Sequence Analysis	
B4GALT7-Related Disorders			*B4GALT7*
☐	3299	*B4GALT7* Comprehensive (Seq & Del/Dup Analysis)	
☐	3295	*B4GALT7* Sequence Analysis	
☐	3298	*B4GALT7* Deletion/Duplication Analysis	
Barth Syndrome (TAZ-Related Disorders)			*TAZ*
☐	3614	*TAZ* Comprehensive (Seq & Del/Dup Analysis)	
☐	3610	*TAZ* Sequence Analysis	
☐	3613	*TAZ* Deletion/Duplication Analysis	
Biotinidase Deficiency			*BTD*
☐	3499	*BTD* Comprehensive (Seq & Del/Dup Analysis)	
☐	3495	*BTD* Sequence Analysis	
☐	3498	*BTD* Deletion/Duplication Analysis	
Bloom Syndrome			*BLM*
☐	6012	Ashkenazic Mutation Analysis	
☐	6535	*BLM* Sequence Analysis	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Brain Malformation, WDR62-Related			*WDR62*
☐	6980	*WDR62* Sequence Analysis	
Bruck Syndrome 2			*PLOD2*
☐	2214	*PLOD2* Comprehensive (Seq & Del/Dup Analysis)	
☐	2210	*PLOD2* Sequence Analysis	
☐	2213	*PLOD2* Deletion/Duplication Analysis	
Buschke-Ollendorff Syndrome			*LEMD3*
☐	2429	*LEMD3* Comprehensive (Seq & Del/Dup Analysis)	
☐	2425	*LEMD3* Sequence Analysis	
☐	2428	*LEMD3* Deletion/Duplication Analysis	
Camurati-Engelmann Disease			*TGFB1*
☐	2589	*TGFB1* Comprehensive (Seq & Del/Dup Analysis)	
☐	2585	*TGFB1* Sequence Analysis	
☐	2588	*TGFB1* Deletion/Duplication Analysis	

Canavan Disease			
☐	6070	Ashkenazic Mutation Panel	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Carbamoyl Phosphate Synthetase I Deficiency			*CPS1*
☐	3349	*CPS1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3345	*CPS1* Sequence Analysis	
☐	3348	*CPS1* Deletion/Duplication Analysis	
Cardiofaciocutaneous Syndrome			
☐	6910	*BRAF* Sequence Analysis	*BRAF*
☐	6445	*KRAS* Sequence Analysis	*KRAS*
☐	6915	*MAP2K1* Sequence Analysis	*MAP2K1*
☐	6920	*MAP2K2* Sequence Analysis	*MAP2K2*
Carnitine Acylcarnitine Translocase Deficiency			*SLC25A20*
☐	3439	*SLC25A20* Comprehensive (Seq & Del/Dup Analysis)	
☐	3435	*SLC25A20* Sequence Analysis	
☐	3438	*SLC25A20* Deletion/Duplication Analysis	
Carnitine Deficiency, Systemic			*SLC22A5*
☐	3364	*SLC22A5 (OCTN2)* Comprehensive (Seq & Del/Dup Analysis)	
☐	3360	*SLC22A5 (OCTN2)* Sequence Analysis	
☐	3363	*SLC22A5 (OCTN2)* Deletion/Duplication Analysis	
Carnitine Palmitoyltransferase IA Deficiency			*CPT1A*
☐	3369	*CPT1A* Comprehensive (Seq & Del/Dup Analysis)	
☐	3365	*CPT1A* Sequence Analysis	
☐	3368	*CPT1A* Deletion/Duplication Analysis	
Carnitine Palmitoyltransferase IB (CPT1B-Related Disorders)			*CPT1B*
☐	3374	*CPT1B* Comprehensive (Seq & Del/Dup Analysis)	
☐	3370	*CPT1B* Sequence Analysis	
☐	3373	*CPT1B* Deletion/Duplication Analysis	
Carnitine Palmitoyltransferase II Deficiency			*CPT2*
☐	3164	*CPT2* Comprehensive (Seq & Del/Dup Analysis)	
☐	3160	*CPT2* Sequence Analysis	
☐	3163	*CPT2* Deletion/Duplication Analysis	
Cartilage Hair Hypoplasia (RMRP-Related Disorders)			*RMRP*
☐	6125	*RMRP* Sequence Analysis	
CDH23-Related Disorders			*CDH23*
		See Hearing Loss	
CDKL5-Related Disorders			*CDKL5*
☐	6733	*CDKL5* Comprehensive (Seq & Del/Dup Analysis)	
☐	6126	*CDKL5* Sequence Analysis	
☐	6734	*CDKL5* Deletion/Duplication Analysis	

[1] Reflex testing at no additional charge: CF5T when R117H CF mutation is present and 5T/TG Haplotype analysis if 5T variant is present.
[2] Reflex testing at no additional charge: 5T/TG Haplotype analysis if 5T variant is present.

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CFTR-Related Disorders (Cystic Fibrosis)			*CFTR*
☐	6376	*CFTR* Comprehensive Analysis (Seq, Del/Dup & 5T)	
☐	7600	Mutation Panel[1]	
☐	6370	*CFTR* Sequence Analysis	
☐	6373	*CFTR* Deletion/Duplication Analysis	
☐	6017	5T Variant Analysis (with 5T/TG reflex[2])	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
CHD7-Related Disorders (CHARGE Syndrome)			*CHD7*
☐	6174	*CHD7* Comprehensive (Seq & Del/Dup Analysis)	
☐	6165	*CHD7* Sequence Analysis	
☐	6166	*CHD7* Deletion/Duplication Analysis	
CHRNA7-Related Disorders			*CHRNA7*
☐	6680	*CHRNA7* Sequence Analysis	
☐	6683	*CHRNA7* Deletion/Duplication Analysis	
Citrin Deficiency			*SLC25A13*
☐	3159	*SLC25A13* Comprehensive (Seq & Del/Dup Analysis)	
☐	3155	*SLC25A13* Sequence Analysis	
☐	3158	*SLC25A13* Deletion/Duplication Analysis	
Citrullinemia Type 1			*ASS1*
☐	6180	*ASS1* Sequence Analysis	
Cleidocranial Dysplasia			*RUNX2*
☐	6150	*RUNX2* Sequence Analysis	
Coenzyme Q10 Deficiency			
See also Panels 2100, 2104, and 2103[3]			
☐	3854	*ADCK3(CABC1)* Comprehensive (Seq & Del/Dup Analysis)	*ADCK3*
☐	3850	*ADCK3(CABC1)* Sequence Analysis	*ADCK3*
☐	3853	*ADCK3(CABC1)* Deletion/Duplication Analysis	*ADCK3*
☐	3419	*COQ2* Comprehensive (Seq & Del/Dup Analysis)	*COQ2*
☐	3415	*COQ2* Sequence Analysis	*COQ2*
☐	3418	*COQ2* Deletion/Duplication Analysis	*COQ2*
☐	3779	*COQ9* Comprehensive (Seq & Del/Dup Analysis)	*COQ9*
☐	3775	*COQ9* Sequence Analysis	*COQ9*
☐	3778	*COQ9* Deletion/Duplication Analysis	*COQ9*
☐	3409	*PDSS1* Comprehensive (Seq & Del/Dup Analysis)	*PDSS1*
☐	3405	*PDSS1* Sequence Analysis	*PDSS1*
☐	3408	*PDSS1* Deletion/Duplication Analysis	*PDSS1*
☐	3414	*PDSS2* Comprehensive (Seq & Del/Dup Analysis)	*PDSS2*
☐	3410	*PDSS2* Sequence Analysis	*PDSS2*
☐	3413	*PDSS2* Deletion/Duplication Analysis	*PDSS2*
☐	4800	Coenzyme Q10 Analyte Analysis - Skeletal Muscle	
Cobalamin Metabolism Disorders			
See Panels 2120, 2124, and 2123[3]			

Congenital Adrenal Hyperplasia			
☐	2060	*CYP11B1* Sequence Analysis	*CYP11B1*
☐	2069	*CYP17A1* Comprehensive (Seq & Del/Dup Analysis)	*CYP17A1*
☐	2065	*CYP17A1* Sequence Analysis	*CYP17A1*
☐	2068	*CYP17A1* Deletion/Duplication Analysis	*CYP17A1*
Congenital Disorders of Glycosylation			
See Panels 5095, 5098, and 5099[3]			
☐	5170	*ALG1* Sequence Analysis	*ALG1*
☐	5109	*ALG2* Comprehensive (Seq & Del/Dup Analysis)	*ALG2*
☐	5105	*ALG2* Sequence Analysis	*ALG2*
☐	5108	*ALG2* Deletion/Duplication Analysis	*ALG2*
☐	5119	*DOLK* Comprehensive (Seq & Del/Dup Analysis)	*DOLK*
☐	5115	*DOLK* Sequence Analysis	*DOLK*
☐	5118	*DOLK* Deletion/Duplication Analysis	*DOLK*
☐	3454	*MPI* Comprehensive (Seq & Del/Dup Analysis)	*MPI*
☐	3450	*MPI* Sequence Analysis	*MPI*
☐	3453	*MPI* Deletion/Duplication Analysis	*MPI*
☐	3259	*PMM2* Comprehensive (Seq & Del/Dup Analysis)	*PMM2*
☐	3255	*PMM2* Sequence Analysis	*PMM2*
☐	3258	*PMM2* Deletion/Duplication Analysis	*PMM2*
COL1A2-Related Disorders			*COL1A2*
See Panel 2625[3]			
☐	2639	*COL1A2* Comprehensive (Seq & Del/Dup Analysis)	
☐	2635	*COL1A2* Sequence Analysis	
☐	2638	*COL1A2* Deletion/Duplication Analysis	
COL2A1-Related Disorders			*COL2A1*
See Panel 2625[3]			
☐	7521	*COL2A1* Comprehensive (Seq & Del/Dup Analysis)	
☐	6580	*COL2A1* Sequence Analysis	
☐	6583	*COL2A1* Deletion/Duplication Analysis	
Complex II Deficiency			
☐	3180	*SDHA* Sequence Analysis	*SDHA*
☐	93185	*SDHB* Sequence Analysis	*SDHB*
☐	93190	*SDHC* Sequence Analysis	*SDHC*
☐	93195	*SDHD* Sequence Analysis	*SDHD*
Coronary Heart Disease Risk Factor (9p21 rs10757278)			
☐	6805	Genotyping	
Costello Syndrome			
☐	6910	*BRAF* Sequence Analysis	*BRAF*
☐	6545	*HRAS* Sequence Analysis	*HRAS*
☐	6445	*KRAS* Sequence Analysis	*KRAS*
Creatine Transporter (CRTR) Deficiency			*SLC6A8*
☐	3150	*SLC6A8* Sequence Analysis	

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Cytochrome P450 2C19 (CYP2C19)			
☐	6870	Genotyping	
Cytochrome P450 2D6 (CYP2D6)			
☐	6875	Genotyping	
Dentatorubral Pallidoluysian Atrophy (DRPLA)			
☐	6027	Repeat Expansion Analysis	
Diamond Blackfan Anemia, RPS19 Related			*RPS19*
☐	6949	*RPS19* Comprehensive (Seq & Del/Dup Analysis)	
☐	6255	*RPS19* Sequence Analysis	
☐	6258	*RPS19* Deletion/Duplication Analysis	
Dyskeratosis Congenita			*TINF2*
☐	6645	*TINF2* Sequence Analysis	
Dystrophinopathies			*DMD*
☐	6084	*DMD* Sequence Analysis	
☐	6350	*DMD* Deletion/Duplication Analysis	
Ehlers-Danlos Syndrome			
☐	6585	Classic Type, *COL5A1* Sequence Analysis	*COL5A1*
☐	6590	Classic Type, *COL5A2* Sequence Analysis	*COL5A2*
☐	6575	Kyphoscoliotic Form, *PLOD1* Sequence Analysis	*PLOD1*
☐	2754	Type IV, *COL3A1* Comprehensive (Seq & Del/Dup Analysis)	*COL3A1*
☐	2750	Type IV, *COL3A1* Sequence Analysis	*COL3A1*
☐	2753	Type IV, *COL3A1* Deletion/Duplication Analysis	*COL3A1*
☐	2634	Spondylocheiro dysplastic Form, *SLC39A13* Comprehensive (Seq & Del/Dup Analysis)	*SLC39A13*
☐	2630	Spondylocheirodysplastic Form, *SLC39A13* Sequence Analysis	*SLC39A13*
☐	2633	Spondylocheirodysplastic Form, *SLC39A13* Deletion/ Duplication Analysis	*SLC39A13*
Epileptic Encephalopathy, Early Infantile			
☐	6930	Type 4, *STXBP1* Sequence Analysis	*STXBP1*
Ethylmalonic Encephalopathy			*ETHE1*
☐	3749	*ETHE1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3745	*ETHE1* Sequence Analysis	
☐	3748	*ETHE1* Deletion/Duplication Analysis	
Fabry Disease			*GLA*
☐	6011	*GLA* Comprehensive (Seq & Del/Dup Analysis)	
☐	6063	*GLA* Sequence Analysis	
☐	7525	*GLA* Deletion/Duplication Analysis	
Factor V Leiden			
☐	6028	Mutation Panel	
FAM20C-Related Disorders			*FAM20C*
☐	2579	*FAM20C* Comprehensive (Seq & Del/Dup Analysis)	
☐	2575	*FAM20C* Sequence Analysis	
☐	2578	*FAM20C* Deletion/Duplication Analysis	

Familial Dysautonomia			
☐	6030	Ashkenazic Mutation Panel	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Familial Hypercholesterolemia			*LDLR*
☐	6740	*LDLR* Comprehensive (Seq & Del/Dup Analysis)	
☐	6225	*LDLR* Sequence Analysis	
☐	6741	*LDLR* Deletion/Duplication Analysis	
Familial Platelet Disorder w Associated Myeloid Malignancy			*RUNX1*
☐	6520	*RUNX1* Sequence Analysis	
Fanconi Anemia			
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Fatty Acid Oxidation			
	See Panel 2095[3]		
FBN1-Related Disorders			*FBN1*
☐	2339	*FBN1* Comprehensive (Seq & Del/Dup Analysis)	
☐	2335	*FBN1* Sequence Analysis	
☐	2338	*FBN1* Deletion/Duplication Analysis	
FMR1-Related Disorders (Fragile X Syndrome)			*FMR1*
☐	6573	CGG Repeat Expansion Analysis	
☐	6570	*FMR1* Sequence Analysis	
Focal Dermal Hypoplasia			*PORCN*
☐	6345	*PORCN* Sequence Analysis	
FOXF1-Related Disorders			*FOXF1*
☐	6690	*FOXF1* Sequence Analysis	
Friedreich Ataxia Syndrome			*FXN*
☐	6031	Repeat Expansion Analysis	
☐	6365	*FXN* Sequence Analysis	
Fructose 1,6 Bisphosphatase Deficiency			*FBP1*
☐	3939	*FBP1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3935	*FBP1* Sequence Analysis	
☐	3938	*FBP1* Deletion/Duplication Analysis	
Fumarate Hydratase Deficiency (FH-Related Disorders)			*FH*
☐	93740	*FH* Sequence Analysis	
Galactosemia			
☐	3279	*GALE* Comprehensive (Seq & Del/Dup Analysis)	*GALE*
☐	3275	*GALE* Sequence Analysis	*GALE*
☐	3278	*GALE* Deletion/Duplication Analysis	*GALE*
☐	3249	*GALT* Comprehensive (Seq & Del/Dup Analysis)	*GALT*
☐	3245	*GALT* Sequence Analysis	*GALT*
☐	3248	*GALT* Deletion/Duplication Analysis	*GALT*

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Galactokinase Deficiency			*GALK1*
☐	3799	*GALK1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3795	*GALK1* Sequence Analysis	
☐	3798	*GALK1* Deletion/Duplication Analysis	
Gaucher Disease			
☐	6033	Ashkenazic Mutation Panel	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Glucose Transporter Type 1 Deficiency Syndrome			*SLC2A1*
☐	6955	*SLC2A1* Sequence Analysis	
Glutaric Acidemia			
☐	3689	Type 1, *GCDH* Comprehensive (Seq & Del/Dup Analysis)	*GCDH*
☐	3685	Type 1, *GCDH* Sequence Analysis	*GCDH*
☐	3688	Type 1, *GCDH* Deletion/Duplication Analysis	*GCDH*
☐	2044	Type 3, *C7orf10* Comprehensive (Seq & Del/Dup Analysis)	*C7orf10*
☐	2040	Type 3, *C7orf10* Sequence Analysis	*C7orf10*
☐	2043	Type 3, *C7orf10* Deletion/Duplication Analysis	*C7orf10*
Glycine Encephalopathy			*AMT*
☐	5034	*AMT* Comprehensive (Seq & Del/Dup Analysis)	
☐	5030	*AMT* Sequence Analysis	
☐	5033	*AMT* Deletion/Duplication Analysis	
Glycogen Metabolism Disorder			
	See Panel 2125[3]		
Glycogen Storage Disease, Liver			
	See Panel 2127[3]		
Glycogen Storage Disease, Muscle			
	See Panel 2126[3]		
Glycogen Storage Disease Type 0, Liver Isoform			*GYS2*
☐	3534	*GYS2* Comprehensive (Seq & Del/Dup Analysis)	
☐	3530	*GYS2* Sequence Analysis	
☐	3533	*GYS2* Deletion/Duplication Analysis	
Glycogen Storage Disease Type 0, Muscle Isoform			*GYS1*
☐	3839	*GYS1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3835	*GYS1* Sequence Analysis	
☐	3838	*GYS1* Deletion/Duplication Analysis	
Glycogen Storage Disease Type 1a (GSD1A)			*G6PC*
☐	3134	*G6PC* Comprehensive (Seq & Del/Dup Analysis)	
☐	3130	*G6PC* Sequence Analysis	
☐	3133	*G6PC* Deletion/Duplication Analysis	
Glycogen Storage Disease Type 1 (b, c, d)			*SLC37A4*
☐	3834	*SLC37A4* Comprehensive (Seq & Del/Dup Analysis)	
☐	3830	*SLC37A4* Sequence Analysis	
☐	3833	*SLC37A4* Deletion/Duplication Analysis	

Glycogen Storage Disease Type II			*GAA*
☐	3404	*GAA* Comprehensive (Seq & Del/Dup Analysis)	
☐	3400	*GAA* Sequence Analysis	
☐	3403	*GAA* Deletion/Duplication Analysis	
Glycogen Storage Disease Type III			*AGL*
☐	3674	*AGL* Comprehensive (Seq & Del/Dup Analysis)	
☐	3670	*AGL* Sequence Analysis	
☐	3673	*AGL* Deletion/Duplication Analysis	
Glycogen Storage Disease Type IV (GSDIV)			*GBE1*
☐	3829	*GBE1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3825	*GBE1* Sequence Analysis	
☐	3828	*GBE1* Deletion/Duplication Analysis	
Glycogen Storage Disease Type V (GSDV)			*PYGM*
☐	3804	*PYGM* Comprehensive (Seq & Del/Dup Analysis)	
☐	3800	*PYGM* Sequence Analysis	
☐	3803	*PYGM* Deletion/Duplication Analysis	
Glycogen Storage Disease Type VI (GSDVI)			*PYGL*
☐	3794	*PYGL* Comprehensive (Seq & Del/Dup Analysis)	
☐	3790	*PYGL* Sequence Analysis	
☐	3793	*PYGL* Deletion/Duplication Analysis	
Glycogen Storage Disease Type VII (GSDVII)			*PFKM*
☐	3824	*PFKM* Comprehensive (Seq & Del/Dup Analysis)	
☐	3820	*PFKM* Sequence Analysis	
☐	3823	*PFKM* Deletion/Duplication Analysis	
Glycogen Storage Disease Type IX (GSDIX)			
☐	3979	*PHKB* Comprehensive (Seq & Del/Dup Analysis)	*PHKB*
☐	3975	*PHKB* Sequence Analysis	*PHKB*
☐	3978	*PHKB* Deletion/Duplication Analysis	*PHKB*
☐	3984	*PHKG2* Comprehensive (Seq & Del/Dup Analysis)	*PHKG2*
☐	3980	*PHKG2* Sequence Analysis	*PHKG2*
☐	3983	*PHKG2* Deletion/Duplication Analysis	*PHKG2*
☐	3989	*PHKA1* Comprehensive (Seq & Del/Dup Analysis)	*PHKA1*
☐	3985	*PHKA1* Sequence Analysis	*PHKA1*
☐	3988	*PHKA1* Deletion/Duplication Analysis	*PHKA1*
☐	3994	*PHKA2* Comprehensive (Seq & Del/Dup Analysis)	*PHKA2*
☐	3990	*PHKA2* Sequence Analysis	*PHKA2*
☐	3993	*PHKA2* Deletion/Duplication Analysis	*PHKA2*
Glycogen Storage Disease Type X (GSDX)			*PGAM2*
☐	3809	*PGAM2* Comprehensive (Seq & Del/Dup Analysis)	
☐	3805	*PGAM2* Sequence Analysis	
☐	3808	*PGAM2* Deletion/Duplication Analysis	
Glycogen Storage Disease Type XI (GSDXI)			*LDHA*
☐	3789	*LDHA* Comprehensive (Seq & Del/Dup Analysis)	
☐	3785	*LDHA* Sequence Analysis	
☐	3788	*LDHA* Deletion/Duplication Analysis	

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Glycogen Storage Disease Type XII (GSDXII)			*ALDOA*
☐	2519	*ALDOA* Comprehensive (Seq & Del/Dup Analysis)	
☐	2515	*ALDOA* Sequence Analysis	
☐	2518	*ALDOA* Deletion/Duplication Analysis	
Glycogen Storage Disease Type XIII (GSDXIII)			*ENO3*
☐	2529	*ENO3* Comprehensive (Seq & Del/Dup Analysis)	
☐	2525	*ENO3* Sequence Analysis	
☐	2528	*ENO3* Deletion/Duplication Analysis	
Glycogen Storage Disease Type XIV (GSDXIV)			*PGM1*
☐	2524	*PGM1* Comprehensive (Seq & Del/Dup Analysis)	
☐	2520	*PGM1* Sequence Analysis	
☐	2523	*PGM1* Deletion/Duplication Analysis	
Guanidinoacetate Methyltransferase Deficiency			*GAMT*
☐	3149	*GAMT* Comprehensive (Seq & Del/Dup Analysis)	
☐	3145	*GAMT* Sequence Analysis	
☐	3148	*GAMT* Deletion/Duplication Analysis	
Hearing Loss			
☐	6655	*CDH23* Sequence Analysis	*CDH23*
☐	6660	*CLRN1* Sequence Analysis	*CLRN1*
☐	6019	Connexin 26 - *GJB2* Sequence Analysis	*GJB2*
☐	6271	Connexin 26 - *GJB2* Deletion/Duplication Analysis	*GJB2*
☐	6355	Connexin 30 - *GJB6* Deletion Analysis	*GJB6*
☐	3030	mtDNA Maternally Inherited Mutation Panel	
☐	6395	*MYO7A* Sequence Analysis	*MYO7A*
☐	6670	*POU3F4* Sequence Analysis	*POU3F4*
☐	3344	*TIMM8A* Comprehensive (Seq & Del/Dup Analysis)	*TIMM8A*
☐	3340	*TIMM8A* Sequence Analysis	*TIMM8A*
☐	3343	*TIMM8A* Deletion/Duplication Analysis	*TIMM8A*
Hereditary Fructose Intolerance			*ALDOB*
☐	3129	*ALDOB* Comprehensive (Seq & Del/Dup Analysis)	
☐	3125	*ALDOB* Sequence Analysis	
☐	3128	*ALDOB* Deletion/Duplication Analysis	
Hereditary Neuralgic Amyotrophy (HNA)			*SEPT9*
☐	2145	*SEPT9* Mutation Panel Analysis	
☐	2148	*SEPT9* Deletion/Duplication Analysis	
Hexosaminidase A Deficiency			*HEXA*
☐	6925	*HEXA* Sequence Analysis	
HFE-Associated Hereditary Hemochromatosis			
☐	6035	Mutation Panel	
HHH Syndrome			*SLC25A15*
☐	3239	*SLC25A15* Comprehensive (Seq & Del/Dup Analysis)	
☐	3235	*SLC25A15* Sequence Analysis	
☐	3238	*SLC25A15* Deletion/Duplication Analysis	
High Bone Mass			
	See Panel 2200[3]		

HMG-CoA Lyase Deficiency			*HMGCL*
☐	5064	*HMGCL* Comprehensive (Seq & Del/Dup Analysis)	
☐	5060	*HMGCL* Sequence Analysis	
☐	5063	*HMGCL* Deletion/Duplication Analysis	
Holocarboxylase Synthetase Deficiency			*HLCS*
☐	3544	*HLCS* Comprehensive (Seq & Del/Dup Analysis)	
☐	3540	*HLCS* Sequence Analysis	
☐	3543	*HLCS* Deletion/Duplication Analysis	
HPD-Related Disorders			*HPD*
☐	2075	*HPD* Sequence Analysis	
Homocystinuria Caused by Cystathionine Beta-Synthase Deficiency			*CBS*
☐	3974	*CBS* Comprehensive (Seq & Del/Dup Analysis)	
☐	3970	*CBS* Sequence Analysis	
☐	3973	*CBS* Deletion/Duplication Analysis	
Huntington Disease (Disease Specific Consent Required)			
☐	6034	Repeat Expansion Analysis	
Hypoglycemia			
☐	3784	Panel Sequence Analysis (includes tests: 3125, 3935, 3530 & 3750)	
Hypermethioninemia			*GNMT*
☐	2070	*GNMT* Sequence Analysis	
Hypermethioninemia with S-Adenosylhomocysteine Hydrolase Deficiency			*AHCY*
☐	2135	*AHCY* Sequence Analysis	
Hyperprolinemia Type II			*ALDH4A1*
☐	5139	*ALDH4A1* Comprehensive (Seq & Del/Dup Analysis)	
☐	5135	*ALDH4A1* Sequence Analysis	
☐	5138	*ALDH4A1* Deletion/Duplication Analysis	
Hypophosphatemic Nephrolithiasis/Osteoporosis, 1			*SLC34A1*
☐	2654	*SLC34A1* Comprehensive (Seq & Del/Dup Analysis)	
☐	2650	*SLC34A1* Sequence Analysis	
☐	2653	*SLC34A1* Deletion/Duplication Analysis	
Hypothyroidism, Congenital			*IYD*
☐	5045	*IYD* Sequence Analysis	
Hypothyroidism, Nongoitrous Congenital, Type 1			*TSHR*
☐	5005	*TSHR* Sequence Analysis	
Incontinentia Pigmenti (IKBKG-Related Disorders)			*IKBKG*
☐	6036	Common Deletion Analysis	
☐	7100	*IKBKG* Sequence Analysis	
Intrahepatic Cholestasis			
	See also Panel 2105[3]		
☐	3314	*ABCB11* Comprehensive (Seq & Del/Dup Analysis)	*ABCB11*
☐	3310	*ABCB11* Sequence Analysis	*ABCB11*
☐	3313	*ABCB11* Deletion/Duplication Analysis	*ABCB11*
☐	3319	*ABCB4* Comprehensive (Seq & Del/Dup Analysis)	*ABCB4*

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Intrahepatic Cholestasis (cont.)			
☐	3315	*ABCB4* Sequence Analysis	*ABCB4*
☐	3318	*ABCB4* Deletion/Duplication Analysis	*ABCB4*
☐	3309	*ATP8B1* Comprehensive (Seq & Del/Dup Analysis)	*ATP8B1*
☐	3305	*ATP8B1* Sequence Analysis	*ATP8B1*
☐	3308	*ATP8B1* Deletion/Duplication Analysis	*ATP8B1*
Isobutyryl-CoA Dehydrogenase Deficiency			*ACAD8*
☐	2029	*ACAD8* Comprehensive (Seq & Del/Dup Analysis)	
☐	2025	*ACAD8* Sequence Analysis	
☐	2028	*ACAD8* Deletion/Duplication Analysis	
Isovaleric Acidemia			*IVD*
☐	3684	*IVD* Comprehensive (Seq & Del/Dup Analysis)	
☐	3680	*IVD* Sequence Analysis	
☐	3683	*IVD* Deletion/Duplication Analysis	
Kennedy Disease			
☐	6037	Repeat Expansion Analysis	
Krabbe Disease			*GALC*
☐	6415	*GALC* Sequence Analysis	
LEOPARD Syndrome			
☐	6065	*PTPN11* Sequence Analysis	*PTPN11*
☐	6475	*RAF1* Sequence Analysis	*RAF1*
Lesch-Nyhan Syndrome			*HPRT*
☐	6240	*HPRT* Sequence Analysis	
Leukoencephalopathy (LBSL), DARS2 Related			*DARS2*
☐	3719	*DARS2* Comprehensive (Seq & Del/Dup Analysis)	
☐	3715	*DARS2* Sequence Analysis	
☐	3718	*DARS2* Deletion/Duplication Analysis	
Leukoencephalopathy, EIF2B5 Related			*EIF2B5*
☐	6210	*EIF2B5* Sequence Analysis	
Liver Failure, Acute Infantile			*TRMU*
☐	3819	*TRMU* Comprehensive (Seq & Del/Dup Analysis)	
☐	3815	*TRMU* Sequence Analysis	
☐	3818	*TRMU* Deletion/Duplication Analysis	
LCHAD Deficiency (HADHA-Related Disorders)			*HADHA*
☐	3124	*HADHA* Comprehensive (Seq & Del/Dup Analysis)	
☐	3120	*HADHA* Sequence Analysis	
☐	3783	*HADHA* Deletion/Duplication Analysis	
☐	3122	Common Mutation Analysis (1528G>C & 1132C>T)	
LCAD Deficiency			*ACADL*
☐	3389	*ACADL* Comprehensive (Seq & Del/Dup Analysis)	
☐	3385	*ACADL* Sequence Analysis	
☐	3388	*ACADL* Deletion/Duplication Analysis	
Low Bone Mass			
	See Panel 2090[3]		
Lowe Syndrome			*OCRL*
☐	6039	*OCRL* Sequence Analysis	

Malonic & Methylmalonic Aciduria, Combined			*ACSF3*
☐	2039	*ACSF3* Comprehensive (Seq & Del/Dup Analysis)	
☐	2035	*ACSF3* Sequence Analysis	
☐	2038	*ACSF3* Deletion/Duplication Analysis	
Maple Syrup Urine Disease			
☐	2870	Panel Sequence Analysis (includes tests: 2770, 2880, 3460, and 3865)	
☐	2774	Type 1A, *BCKDHA* Comprehensive (Seq & Del/Dup Analysis)	*BCKDHA*
☐	2770	Type 1A, *BCKDHA* Sequence Analysis	*BCKDHA*
☐	2773	Type 1A, *BCKDHA* Deletion/Duplication Analysis	*BCKDHA*
☐	2884	Type 1B, *BCKDHB* Comprehensive (Seq & Del/Dup Analysis)	*BCKDHB*
☐	2880	Type 1B, *BCKDHB* Sequence Analysis	*BCKDHB*
☐	2883	Type 1B, *BCKDHB* Deletion/Duplication Analysis	*BCKDHB*
☐	3869	Type 2, *DBT* Comprehensive (Seq & Del/Dup Analysis)	*DBT*
☐	3865	Type 2, *DBT* Sequence Analysis	*DBT*
☐	3868	Type 2, *DBT* Deletion/Duplication Analysis	*DBT*
☐	3464	Type 3, *DLD* Comprehensive (Seq & Del/Dup Analysis)	*DLD*
☐	3460	Type 3, *DLD* Sequence Analysis	*DLD*
☐	3463	Type 3, *DLD* Deletion/Duplication Analysis	*DLD*
MCAD Deficiency			*ACADM*
☐	3119	*ACADM* Comprehensive (Seq & Del/Dup Analysis)	
☐	3115	*ACADM* Sequence Analysis	
☐	2348	*ACADM* Deletion/Duplication Analysis	
☐	3117	Common Mutation Analysis (K329E/Lys304Glu)	
MEF2C-Related Disorders			*MEF2C*
☐	6695	*MEF2C* Sequence Analysis	
Menkes Disease			*ATP7A*
☐	2549	*ATP7A* Comprehensive (Seq & Del/Dup Analysis)	
☐	2545	*ATP7A* Sequence Analysis	
☐	2548	*ATP7A* Deletion/Duplication Analysis	
Metachromatic Leukodystrophy			*ARSA*
☐	6380	*ARSA* Sequence Analysis	
Methylcobalamin Deficiency, cblE Type			*MTRR*
☐	2569	*MTRR* Comprehensive (Seq & Del/Dup Analysis)	
☐	2565	*MTRR* Sequence Analysis	
☐	2568	*MTRR* Deletion/Duplication Analysis	
Methylcobalamin Deficiency, cblG Type			*MTR*
☐	2054	*MTR* Comprehensive (Seq & Del/Dup Analysis)	
☐	2050	*MTR* Sequence Analysis	
☐	2053	*MTR* Deletion/Duplication Analysis	

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Methylmalonic Acidemia			
☐	3602	Panel Comprehensive (Seq & Del/Dup Analysis) (incl. tests: 3575, 3578, 3580, 3583, 3585, and 3588)	
☐	3780	Panel Sequence Analysis (includes tests: 3575, 3580, and 3585)	
☐	3601	Panel Deletion/Duplication Analysis (includes tests: 3578, 3583, and 3588)	
☐	3399	*MCEE* Comprehensive (Seq & Del/Dup Analysis)	*MCEE*
☐	3395	*MCEE* Sequence Analysis	*MCEE*
☐	3398	*MCEE* Deletion/Duplication Analysis	*MCEE*
☐	3579	*MMAA* Comprehensive (Seq & Del/Dup Analysis)	*MMAA*
☐	3575	*MMAA* Sequence Analysis	*MMAA*
☐	3578	*MMAA* Deletion/Duplication Analysis	*MMAA*
☐	3584	*MMAB* Comprehensive (Seq & Del/Dup Analysis)	*MMAB*
☐	3580	*MMAB* Sequence Analysis	*MMAB*
☐	3583	*MMAB* Deletion/Duplication Analysis	*MMAB*
☐	3444	*MMACHC* Comprehensive (Seq & Del/Dup Analysis)	*MMACHC*
☐	3440	*MMACHC* Sequence Analysis	*MMACHC*
☐	3443	*MMACHC* Deletion/Duplication Analysis	*MMACHC*
☐	3889	*MMADHC* Comprehensive (Seq & Del/Dup Analysis)	*MMADHC*
☐	3885	*MMADHC* Sequence Analysis	*MMADHC*
☐	3888	*MMADHC* Deletion/Duplication Analysis	*MMADHC*
☐	3589	*MUT* Comprehensive (Seq & Del/Dup Analysis)	*MUT*
☐	3585	*MUT* Sequence Analysis	*MUT*
☐	3588	*MUT* Deletion/Duplication Analysis	*MUT*
Methylmalonic Aciduria and Homocystinuria, cblF Type			*LMBRD1*
☐	2564	*LMBRD1* Comprehensive (Seq & Del/Dup Analysis)	
☐	2560	*LMBRD1* Sequence Analysis	
☐	2563	*LMBRD1* Deletion/Duplication Analysis	
Methylmalonic Aciduria and Homocystinuria, cblJ Type			*ABCD4*
☐	5134	*ABCD4* Comprehensive (Seq & Del/Dup Analysis)	
☐	5130	*ABCD4* Sequence Analysis	
☐	5133	*ABCD4* Deletion/Duplication Analysis	
MNGIE Syndrome			*TYMP*
☐	3064	*TYMP* Comprehensive (Seq & Del/Dup Analysis)	
☐	3060	*TYMP* Sequence Analysis	
☐	3063	*TYMP* Deletion/Duplication Analysis	
Molybdenum Cofactor Deficiency			
☐	3599	*MOCS1* Comprehensive (Seq & Del/Dup Analysis)	*MOCS1*
☐	3595	*MOCS1* Sequence Analysis	*MOCS1*
☐	3598	*MOCS1* Deletion/Duplication Analysis	*MOCS1*
☐	3619	*MOCS2* Comprehensive (Seq & Del/Dup Analysis)	*MOCS2*
☐	3615	*MOCS2* Sequence Analysis	*MOCS2*
☐	3618	*MOCS2* Deletion/Duplication Analysis	*MOCS2*

MTHFR Deficiency			
☐	6045	MTHFR 677 C-T Variant Analysis	
Mucolipidosis IV			
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Mucopolysaccharidosis Type I (MPS I)			*IDUA*
☐	6385	*IDUA* Sequence Analysis	
Mucopolysaccharidosis Type II (MPS II)			*IDS*
☐	6814	*IDS* Comprehensive (Seq & Del/Dup w/Inv Analysis)	
☐	6390	*IDS* Sequence Analysis	
☐	6815	*IDS* Deletion/Duplication w/Inversion Analysis	
☐	6813	*IDS* Deletion/Duplication Analysis	
☐	6817	*IDS* Inversion Analysis	
Mucopolysaccharidosis Type IVA (MPS IVA)			*GALNS*
☐	6400	*GALNS* Sequence Analysis	
Mucopolysaccharidosis Type VI			*ARSB*
☐	5015	*ARSB* Sequence Analysis	
Multiple Acyl-CoA Dehydrogenase Deficiency (MADD)			
☐	3604	Panel Comprehensive (Seq & Del/Dup Analysis) (includes tests: 3855, 3858, 3860, 3863, 3840, and 3843)	
☐	2349	Panel Sequence Analysis (includes tests: 3855, 3860, and 3840)	
☐	3603	Panel Deletion/Duplication Analysis (includes tests: 3858, 3863, and 3843)	
☐	3859	*ETFA* Comprehensive (Seq & Del/Dup Analysis)	
☐	3855	*ETFA* Sequence Analysis	*ETFA*
☐	3858	*ETFA* Deletion/Duplication Analysis	*ETFA*
☐	3864	*ETFB* Comprehensive (Seq & Del/Dup Analysis)	*ETFB*
☐	3860	*ETFB* Sequence Analysis	*ETFB*
☐	3863	*ETFB* Deletion/Duplication Analysis	*ETFB*
☐	3844	*ETFDH* Comprehensive (Seq & Del/Dup Analysis)	*ETFDH*
☐	3840	*ETFDH* Sequence Analysis	*ETFDH*
☐	3843	*ETFDH* Deletion/Duplication Analysis	*ETFDH*
Myopathy/Rhabdomyosis			
	See Panel 2300[3]		
Myotonic Dystrophy Type 1			
☐	6041	Repeat Expansion Analysis	
N-Acetyglutamate Synthase (NAGS) Deficiency			*NAGS*
☐	3354	*NAGS* Comprehensive (Seq & Del/Dup Analysis)	
☐	3350	*NAGS* Sequence Analysis	
☐	3353	*NAGS* Deletion/Duplication Analysis	

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Nail-Patella Syndrome			*LMX1B*
☐	7523	*LMX1B* Comprehensive (Seq & Del/Dup Analysis)	
☐	6270	*LMX1B* Sequence Analysis	
☐	6273	*LMX1B* Deletion/Duplication Analysis	
Niemann-Pick Disease Type A			
☐	6047	Ashkenazic Mutation Panel	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
Niemann-Pick Disease Type C			
☐	6555	*NPC1* Sequence Analysis	*NPC1*
☐	6560	*NPC2* Sequence Analysis	*NPC2*
Noonan Syndrome			
☐	6445	*KRAS* Sequence Analysis	*KRAS*
☐	6675	*NRAS* Sequence Analysis	*NRAS*
☐	6065	*PTPN11* Sequence Analysis	*PTPN11*
☐	6475	*RAF1* Sequence Analysis	*RAF1*
☐	6460	*SOS1* Sequence Analysis	*SOS1*
Noonan-like Syndrome			*SHOC2*
☐	6900	*SHOC2* Sequence Analysis	
Obesity, Monogenic Nonsyndromic			
☐	6845	*LEP* Sequence Analysis	*LEP*
☐	6850	*LEPR* Sequence Analysis	*LEPR*
☐	6855	*PCSK1* Sequence Analysis	*PCSK1*
☐	6860	*POMC* Sequence Analysis	*POMC*
Oculocutaneous Albinism, X-Linked			*GPR143*
☐	6083	*GPR143* Comprehensive (Seq & Del/Dup Analysis)	
☐	6123	*GPR143* Sequence Analysis	
☐	6042	*GPR143* Deletion/Duplication Analysis	
Oculocutaneous Albinism Type 1			*TYR*
☐	6825	*TYR* Sequence Analysis	
Oculocutaneous Albinism Type 2			*OCA2*
☐	6830	*OCA2* Sequence Analysis	
☐	6833	*OCA2* Targeted Deletion Analysis	
Oculocutaneous Albinism Type 3			*TYRP1*
☐	6835	*TYRP1* Sequence Analysis	
Oculocutaneous Albinism Type 4			*SLC45A2*
☐	6840	*SLC45A2* Sequence Analysis	
Optic Atrophy Type 1			*OPA1*
☐	3469	*OPA1* Comprehensive (Seq & Del/Dup Analysis)	
☐	3465	*OPA1* Sequence Analysis	
☐	3468	*OPA1* Deletion/Duplication Analysis	
Optic Atrophy Type 3 (OPA3-Related Disorders)			*OPA3*
☐	3529	*OPA3* Comprehensive (Seq & Del/Dup Analysis)	
☐	3525	*OPA3* Sequence Analysis	
☐	3528	*OPA3* Deletion/Duplication Analysis	

Ornithine Transcarbamylase (OTC) Deficiency			*OTC*
☐	3144	*OTC* Comprehensive (Seq & Del/Dup Analysis)	
☐	3140	*OTC* Sequence Analysis	
☐	3143	*OTC* Deletion/Duplication Analysis	
Osteogenesis Imperfecta (OI)			
☐	6310	*CRTAP* Sequence Analysis	*CRTAP*
☐	2344	*FKBP10* Comprehensive (Seq & Del/Dup Analysis)	*FKBP10*
☐	2340	*FKBP10* Sequence Analysis	*FKBP10*
☐	2343	*FKBP10* Deletion/Duplication Analysis	*FKBP10*
☐	2045	*IFITM5* Sequence Analysis	*IFITM5*
☐	6325	*LEPRE1* Sequence Analysis	*LEPRE1*
☐	2619	*PPIB* Comprehensive (Seq & Del/Dup Analysis)	*PPIB*
☐	2615	*PPIB* Sequence Analysis	*PPIB*
☐	2618	*PPIB* Deletion/Duplication Analysis	*PPIB*
☐	2244	*SERPINF1* Comprehensive (Seq & Del/Dup Analysis)	*SERPINF1*
☐	2240	*SERPINF1* Sequence Analysis	*SERPINF1*
☐	2243	*SERPINF1* Deletion/Duplication Analysis	*SERPINF1*
☐	2699	*SP7* Comprehensive (Seq & Del/Dup Analysis)	*SP7*
☐	2695	*SP7* Sequence Analysis	*SP7*
☐	2698	*SP7* Deletion/Duplication Analysis	*SP7*
Osteopathia Striata with Cranial Sclerosis			*FAM123B*
☐	2574	*FAM123B* Comprehensive (Seq & Del/Dup Analysis)	
☐	2570	*FAM123B* Sequence Analysis	
☐	2573	*FAM123B* Deletion/Duplication Analysis	
Osteopetrosis			
☐	2614	*CLCN7* Comprehensive (Seq & Del/Dup Analysis)	*CLCN7*
☐	2610	*CLCN7* Sequence Analysis	*CLCN7*
☐	2613	*CLCN7* Deletion/Duplication Analysis	*CLCN7*
☐	2609	*OSTM1* Comprehensive (Seq & Del/Dup Analysis)	*OSTM1*
☐	2605	*OSTM1* Sequence Analysis	*OSTM1*
☐	2608	*OSTM1* Deletion/Duplication Analysis	*OSTM1*
☐	2624	*TCIRG1* Comprehensive (Seq & Del/Dup Analysis)	*TCIRG1*
☐	2620	*TCIRG1* Sequence Analysis	*TCIRG1*
☐	2623	*TCIRG1* Deletion/Duplication Analysis	*TCIRG1*
☐	2649	*TNFSF11* Comprehensive (Seq & Del/Dup Analysis)	*TNFSF11*
☐	2645	*TNFSF11* Sequence Analysis	*TNFSF11*
☐	2648	*TNFSF11* Deletion/Duplication Analysis	*TNFSF11*
Osteopetrosis with Renal Tubular Acidosis			*CA2*
☐	2604	*CA2* Comprehensive (Seq & Del/Dup Analysis)	
☐	2600	*CA2* Sequence Analysis	
☐	2603	*CA2* Deletion/Duplication Analysis	
Paget Disease, Juvenile			*TNFRSF11B*
☐	2559	*TNFRSF11B* Comprehensive (Seq & Del/Dup Analysis)	
☐	2555	*TNFRSF11B* Sequence Analysis	
☐	2558	*TNFRSF11B* Deletion/Duplication Analysis	

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PCDH19-Related X Linked Female-Limited Epilepsy w/MR			*PCDH19*
☐	6885	*PCDH19* Sequence Analysis	
PDH Complex Deficiency			
☐	3169	*PDHA1* Comprehensive (Seq & Del/Dup Analysis)	*PDHA1*
☐	3165	*PDHA1* Sequence Analysis	*PDHA1*
☐	3168	*PDHA1* Deletion/Duplication Analysis	*PDHA1*
☐	3899	*PDHB* Comprehensive (Seq & Del/Dup Analysis)	*PDHB*
☐	3895	*PDHB* Sequence Analysis	*PDHB*
☐	3898	*PDHB* Deletion/Duplication Analysis	*PDHB*
☐	3924	*PDHX* Comprehensive (Seq & Del/Dup Analysis)	*PDHX*
☐	3920	*PDHX* Sequence Analysis	*PDHX*
☐	3923	*PDHX* Deletion/Duplication Analysis	*PDHX*
☐	3894	*PDP1* Comprehensive (Seq & Del/Dup Analysis)	*PDP1*
☐	3890	*PDP1* Sequence Analysis	*PDP1*
☐	3893	*PDP1* Deletion/Duplication Analysis	*PDP1*
☐	3464	*DLD* Comprehensive (Seq & Del/Dup Analysis)	*DLD*
☐	3460	*DLD* Sequence Analysis	*DLD*
☐	3463	*DLD* Deletion/Duplication Analysis	*DLD*
☐	3919	*DLAT* Comprehensive (Seq & Del/Dup Analysis)	*DLAT*
☐	3915	*DLAT* Sequence Analysis	*DLAT*
☐	3918	*DLAT* Deletion/Duplication Analysis	*DLAT*
Pelizaeus-Merzbacher-Like Disease			*GJC2*
☐	6550	*GJC2* Sequence Analysis	
Phenylalanine Hydroxylase Deficiency (PKU)			*PAH*
☐	3139	*PAH* Comprehensive (Seq & Del/Dup Analysis)	
☐	3135	*PAH* Sequence Analysis	
☐	3138	*PAH* Deletion/Duplication Analysis	
PLOD3-Related Disorders			*PLOD3*
☐	2334	*PLOD3* Comprehensive (Seq & Del/Dup Analysis)	
☐	2330	*PLOD3* Sequence Analysis	
☐	2333	*PLOD3* Deletion/Duplication Analysis	
PLP1-Related Disorders			*PLP1*
☐	6149	*PLP1* Comprehensive (Seq & Del/Dup Analysis)	
☐	6127	*PLP1* Sequence Analysis	
☐	6161	*PLP1* Deletion/Duplication Analysis	
Pontocerebellar Hypoplasia			*LARS2*
☐	2539	*LARS2* Comprehensive (Seq & Del/Dup Analysis)	
☐	2535	*LARS2* Sequence Analysis	
☐	2538	*LARS2* Deletion/Duplication Analysis	
Pontocerebellar Hypoplasia Type 6			*RARS2*
☐	3729	*RARS2* Comprehensive (Seq & Del/Dup Analysis)	
☐	3725	*RARS2* Sequence Analysis	
☐	3728	*RARS2* Deletion/Duplication Analysis	
Prader-Willi Syndrome			
☐	6050	Methylation Analysis	
Prader-Willi-like Syndrome; Intellectual Disability; Autism			*MAGEL2*
☐	7105	*MAGEL2* Sequence Analysis	
Propionic Acidemia			
☐	3622	Panel Comprehensive (Seq & Del/Dup Analysis) (includes tests: 3765, 3768, 3770, and 3773)	
☐	2347	Panel Sequence Analysis (includes tests: 3765 and 3770)	
☐	3621	Panel Deletion/Duplication Analysis (includes tests: 3768 and 3773)	
☐	3769	*PCCA* Comprehensive (Seq & Del/Dup Analysis)	*PCCA*
☐	3765	*PCCA* Sequence Analysis	*PCCA*
☐	3768	*PCCA* Deletion/Duplication Analysis	*PCCA*
☐	3774	*PCCB* Comprehensive (Seq & Del/Dup Analysis)	*PCCB*
☐	3770	*PCCB* Sequence Analysis	*PCCB*
☐	3773	*PCCB* Deletion/Duplication Analysis	*PCCB*
Prothrombin			
☐	6048	Mutation Panel	
PTEN-Related Disorders			*PTEN*
☐	6790	*PTEN* Comprehensive (Seq & Del/Dup Analysis)	
☐	6505	*PTEN* Sequence Analysis	
☐	6785	*PTEN* Deletion/Duplication Analysis	
Purine Nucleoside Phosphorylase Deficiency			*PNP*
☐	5025	*PNP* Sequence Analysis	
Pycnodysostosis			*CTSK*
☐	2444	*CTSK* Comprehensive (Seq & Del/Dup Analysis)	
☐	2440	*CTSK* Sequence Analysis	
☐	2443	*CTSK* Deletion/Duplication Analysis	
Pyridoxine-Dependent Seizures			*ALDH7A1*
☐	6950	*ALDH7A1* Sequence Analysis	
Pyruvate Carboxylase Deficiency			*PC*
☐	3754	*PC* Comprehensive (Seq & Del/Dup Analysis)	
☐	3750	*PC* Sequence Analysis	
☐	3753	*PC* Deletion/Duplication Analysis	
Retinitis Pigmentosa			
	See Panel 2190[3]		
Rett Syndrome (MECP2-Related Disorders)			*MECP2*
☐	6736	*MECP2* Comprehensive (Seq & Del/Dup Analysis)	
☐	6068	*MECP2* Sequence Analysis	
☐	6069	*MECP2* Deletion/Duplication Analysis	
Rett Syndrome, Congenital Variant			*FOXG1*
☐	6635	*FOXG1* Sequence Analysis	

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Rickets-Alopecia Syndrome			*VDR*
☐	6565	*VDR* Sequence Analysis	
RMRP-Related Disorders			*RMRP*
☐	6125	*RMRP* Sequence Analysis	
Rubinstein-Taybi Syndrome			*CREBBP*
☐	6758	*CREBBP* Comprehensive (Seq & Del/Dup Analysis)	
☐	6755	*CREBBP* Sequence Analysis	
☐	6665	*CREBBP* Deletion/Duplication by MPLA	
SCAD Deficiency			*ACADS*
☐	3929	*ACADS* Comprehensive (Seq & Del/Dup Analysis)	
☐	3925	*ACADS* Sequence Analysis	
☐	3928	*ACADS* Deletion/Duplication Analysis	
Schmid Metaphyseal Chondrodysplasia (SMCD)			*COL10A1*
☐	6285	*COL10A1* Sequence Analysis	
SLC9A3R1-Related Disorders			*SLC9A3R1*
☐	2759	*SLC9A3R1* Comprehensive (Seq & Del/Dup Analysis)	
☐	2755	*SLC9A3R1* Sequence Analysis	
☐	2758	*SLC9A3R1* Deletion/Duplication Analysis	
Sclerosing Bone Dysplasias, SOST-Related			*SOST*
☐	2594	*SOST* Comprehensive (Seq & Del/Dup Analysis)	
☐	2590	*SOST* Sequence Analysis	
☐	2593	*SOST* Deletion/Duplication Analysis	
Sickle Cell Disease			
☐	6053	Mutation Analysis	
Smith-Lemli-Opitz Syndrome			*DHCR7*
☐	6745	*DHCR7* Sequence Analysis	
Smith-Magenis Syndrome			*RAI1*
☐	6760	*RAI1* Sequence Analysis	
Spinal Muscular Atrophy (SMA) Diagnostic Test			*SMN1*
☐	6059	*SMN1* Deletion Analysis	
Spinocerebellar Ataxia 1 (SCA1)			
☐	6054	Repeat Expansion Analysis	
Spinocerebellar Ataxia 10 (SCA10)			
☐	6055	Repeat Expansion Analysis	
Spinocerebellar Ataxia 14 (SCA14)			*PRKCG*
☐	2899	*PRKCG* Comprehensive (Seq & Del/Dup Analysis)	
☐	2895	*PRKCG* Sequence Analysis	
☐	2898	*PRKCG* Deletion/Duplication Analysis	
SRY-Related Phenotypes			
☐	6060	DNA Analysis	
Succinic Semialdehyde Dehydrogenase Deficiency			*ALDH5A1*
☐	5024	*ALDH5A1* Comprehensive (Seq & Del/Dup Analysis)	
☐	5020	*ALDH5A1* Sequence Analysis	
☐	5023	*ALDH5A1* Deletion/Duplication Analysis	

Tay-Sachs Disease			
☐	6066	Ashkenazic Mutation Panel	
☐	6942	Ashkenazic Genetic Disease Screen w/ CF[1]	
☐	6944	Ashkenazic Genetic Disease Screen w/o CF	
☐	6925	*HEXA* Sequence Analysis	*HEXA*
Thiopurine S-Methyltransferase (TPMT) Deficiency			*TPMT*
☐	6685	*TPMT* Sequence Analysis	
Thrombophilia			
☐	6062	Mutation Panel (Factor V, Prothombin & MTHFR)	
TMLHE Deficiency			*TMLHE*
☐	2510	*TMLHE* Sequence Analysis	
☐	2513	*TMLHE* Exon 2 Deletion Analysis	
TNFRSF11A-Related Disorders			*TNFRSF11A*
☐	2599	*TNFRSF11A* Comprehensive (Seq & Del/Dup Analysis)	
☐	2595	*TNFRSF11A* Sequence Analysis	
☐	2598	*TNFRSF11A* Deletion/Duplication Analysis	
Transcobalamin II Deficiency			*TCN2*
☐	3969	*TCN2* Comprehensive (Seq & Del/Dup Analysis)	
☐	3965	*TCN2* Sequence Analysis	
☐	3968	*TCN2* Deletion/Duplication Analysis	
Trifunctional Protein Deficiency			
☐	3624	Panel Comprehensive (Seq & Del/Dup Analysis) (includes tests: 3120, 3783, 3630, and 3633)	
☐	2345	Panel Sequence Analysis (includes tests: 3120 and 3630)	
☐	3623	Panel Deletion/Duplication Analysis (includes tests: 3783 and 3633)	
☐	3124	*HADHA* Comprehensive (Seq & Del/Dup Analysis)	*HADHA*
☐	3120	*HADHA* Sequence Analysis	*HADHA*
☐	3783	*HADHA* Deletion/Duplication Analysis	*HADHA*
☐	3634	*HADHB* Comprehensive (Seq & Del/Dup Analysis)	*HADHB*
☐	3630	*HADHB* Sequence Analysis	*HADHB*
☐	3633	*HADHB* Deletion/Duplication Analysis	*HADHB*
TYROBP-Related Disorders			*TYROBP*
☐	2259	*TYROBP* Comprehensive (Seq & Del/Dup Analysis)	
☐	2255	*TYROBP* Sequence Analysis	
☐	2258	*TYROBP* Deletion/Duplication Analysis	

[1] Reflex testing at no additional charge: CF5T when R117H CF mutation is present and 5T/TG Haplotype analysis if 5T variant is present.

BCM-MEDICAL GENETICS LABORATORIES

PHONE: 800-411-GENE | FAX: 713-798-2787 | www.bcmgeneticlabs.org

SHIP TO: Medical Genetics Laboratories
Baylor College of Medicine
2450 Holcombe, Grand Blvd. -Receiving Dock
Houston, TX 77021-2024
Phone: 713-798-6555

MOLECULAR DIAGNOSTIC REQUISITION

NAME: _____ (LAST NAME) _____ (FIRST NAME) ___ (MI) DATE OF BIRTH: ___ / ___ / ___ (MM / DD / YY) GENDER (Please select one): ☐ FEMALE ☐ MALE ☐ UNKNOWN

AVAILABLE TESTS LISTED BY DISORDER

Please see the Mitochondrial, Biochemical, Cancer-CYTO, Cancer-DNA, Cytogenetics, PMGP, Prenatal-CMA, or Prenatal Requisition Form for other available tests.
For Familial Mutation/Variant Analysis, complete indication information on page 1.

Tyrosinemia			
☐	3449	Type I, *FAH* Comprehensive (Seq & Del/Dup Analysis)	*FAH*
☐	3445	Type I, *FAH* Sequence Analysis	*FAH*
☐	3448	Type I, *FAH* Deletion/Duplication Analysis	*FAH*
☐	2084	Type II, *TAT* Comprehensive (Seq & Del/Dup Analysis)	*TAT*
☐	2080	Type II, *TAT* Sequence Analysis	*TAT*
☐	2083	Type II, *TAT* Deletion/Duplication Analysis	*TAT*
Usher Syndrome 1B			*MYO7A*
	See Hearing Loss		
Usher Syndrome 1D			*CDH23*
	See Hearing Loss		
Usher Syndrome 2A			*USH2A*
☐	6650	*USH2A* Sequence Analysis	
VLCAD Deficiency			*ACADVL*
☐	3359	*ACADVL* Comprehensive (Seq & Del/Dup Analysis)	
☐	3355	*ACADVL* Sequence Analysis	
☐	3358	*ACADVL* Deletion/Duplication Analysis	

Warfarin Sensitivity			
☐	6880	Genotyping	
Wilson Disease			*ATP7A*
☐	2554	*ATP7B* Comprehensive (Seq & Del/Dup Analysis)	
☐	2550	*ATP7B* Sequence Analysis	
☐	2553	*ATP7B* Deletion/Duplication Analysis	
Wolman Disease			*LIPA*
☐	6430	*LIPA* Sequence Analysis	
X-Linked Severe Combined Immunodeficiency			*IL2RG*
☐	5050	*IL2RG* Sequence Analysis	

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MOLECULAR DIAGNOSTIC REQUISITION

BILLING INFORMATION

IMPORTANT NOTICE: ONE OF THE THREE FOLLOWING BILLING OPTIONS MUST BE INDICATED BELOW.
PLEASE FORWARD ALL BILLING QUESTIONS TO: MEDGENBILLING@BCM.EDU

PATIENT INFORMATION

PATIENT NAME (LAST,FIRST, MI): _____ PATIENT DATE OF BIRTH (MM/DD/YY): _____

ADDRESS: _____ CITY, STATE, ZIP: _____

PHONE: _____ EMAIL: _____

☐ PAYMENT OPTION 1 - INSTITUTION

INSTITUTION NAME: _____ INSTITUTION CODE: _____

CONTACT NAME: _____ EMAIL (REQUIRED): _____

BILLING ADDRESS: _____ CITY, STATE, ZIP: _____

PHONE: _____ FAX: _____

☐ PAYMENT OPTION 2 - SELF-PAY (PAYMENT MUST ACCOMPANY SAMPLE)

☐ CREDIT CARD (PLEASE SELECT ONE): ◯ AMEX ◯ DISCOVER ◯ MC ◯ VISA

VALID CARD #: _____ EXPIRATION DATE (MM/YY): _____ CVC CODE: _____

BILLING ADDRESS: _____ CITY, STATE, ZIP: _____

CARDHOLDER PRINTED NAME: _____ CARDHOLDER SIGNATURE: _____

☐ CHECK/MONEY ORDER: CHECK/MONEY ORDER #: _____ AMOUNT ENCLOSED: _____

☐ PAYMENT OPTION 3 - INSURANCE

PROVIDE A LEGIBLE PHOTOCOPY OF THE FRONT & BACK OF THE INSURANCE CARD OR HMO/MEDICAID HMO AUTHORIZATION/REFERRAL.

Please refer to the Financial Policy at www.bcmgeneticlabs.org for complete insurance filing information and managed care contract list. Insurance is filed to our contracted carriers as a client service courtesy. Patients are responsible for non-covered services, deductibles, co-insurance, contract exclusions, non-authorized services, and remaining balances after insurance reimbursement. HMO policies must have required approved authorizations. BCM-Medical Genetic Laboratories cannot bill out-of-state welfare programs. We accept authorized Texas Medicaid HMO covered charges for genetic testing. Please contact our office prior to submitting a Texas Medicaid sample. Contact medgenbilling@bcm.edu with questions.

ICD9 Diagnosis Code(s) - must be provided or insurance cannot be filed: _____

◯ PPO, POS, Commercial Insurance - Provide complete member information with legible front & back photocopy of insurance card.

◯ HMO - Provide approved authorization #: _____ and attach legible front & back photocopy of insurance card.

◯ Texas Medicaid HMO - Provide approved authorization #: _____ and contact Billing at 713-798-6555.

INSURED MEMBER'S INFORMATION

MEMBER NAME (Last, First, MI): _____ MEMBER DATE OF BIRTH (MM/DD/YY): _____ GENDER: ◯ FEMALE ◯ MALE

MEMBER POLICY #: _____ MEMBER SS #: _____ MEMBER GROUP #: _____

INSURANCE CO. NAME: _____ PHONE: _____

INSURANCE CO. ADDRESS: _____ CITY, STATE, ZIP: _____

I AUTHORIZE BCM-MEDICAL GENETICS LABORATORIES TO FURNISH ANY MEDICAL INFORMATION REQUESTED ON MYSELF, OR MY COVERED DEPENDENTS. IN CONSIDERATION OF SERVICES RENDERED, I TRANSFER AND ASSIGN ANY BENEFITS OF INSURANCE TO BCM-MEDICAL GENETICS LABORATORIES. I UNDERSTAND I AM RESPONSIBLE FOR ANY CO-PAY, DEDUCTIBLES, OR NON-AUTHORIZED SERVICES AND REMAINING BALANCES AFTER INSURANCE REIMBURSEMENT. I UNDERSTAND I AM FULLY RESPONSIBLE FOR PAYMENT OF MY ACCOUNT IF THE BCM-MEDICAL GENETICS LABORATORIES IS NOT A PARTICIPANT WITH MY HEALTH PLAN, AND MY HEALTH PLAN DOES NOT FULLY REIMBURSE MY MEDICAL SERVICES DUE TO LACK OF AUTHORIZATION OR MEDICAL NECESSITY.

PRINTED NAME: _____ SIGNATURE: _____ DATE (MM/YY): _____