Claritas Clinical Exome	Test Code	CPT Code
Proband Only	N0889	81415x1
Trio	N0560	81415x1, 81416x2
Add Companion High-Resolution Deletion/Duplication Analysis	C0164	81228x1
Add Mitochondrial DNA Analysis	–	–
Add Parent(s)	N0070	81416x1

Pediatric Neurology Region of Interest	Test Code	CPT Code
Select between 1 - 3 gene lists: * Neuromuscular Disorders * Movement Disorders * Epilepsy/Seizures * Brain Malformations * Intellectual Disability/Developmental Delay * Hereditary Peripheral Neuropathy * Leukodystrophy/Encephalopathy * Autism		
Proband Only	N0883	81479x1
Trio	N0481	81479x1
Add Companion High-Resolution Deletion/Duplication Analysis	C0598	81479x1
Add Parent(s)	N0047	81479x1

Nephrotic Syndrome Region of Interest	Test Code	CPT Code
Proband Only	N0698	81479x1
Trio	N0002	81479x1
Add Companion High-Resolution Deletion/Duplication Analysis	C0573	81479x1
Add Parent(s)	N0549	81479x1

Bone Marrow Failure Region of Interest	Test Code	CPT Code
Proband Only	N0030	81479x1
Trio	N0870	81479x1
Add Companion High-Resolution Deletion/Duplication Analysis	C0974	81479x1
Add Parent(s)	N0946	81479x1

Comprehensive Immunology Region of Interest	Test Code	CPT Code
Proband Only	N0707	81479x1
Trio	N0429	81479x1
Add Companion High-Resolution Deletion/Duplication Analysis	C0892	81479x1
Add Parent(s)	N0290	81479x1

HLH/MAS Region of Interest	Test Code	CPT Code
Proband Only	N0707	81479x1
Trio	N0429	81479x1
Add Companion High-Resolution Deletion/Duplication Analysis	C0892	81479x1
Add Parent(s)	N0290	81479x1

Expansion Options	Test Code	CPT Code
For Region of Interest tests for which a diagnostic finding is not generated, whole exome interpretation is available.		
Expand to Claritas Clinical Exome after Region of Interest	N0527	81417x1
Expand to Claritas Clinical Exome Deletion/Duplication Analysis after Region of Interest Deletion/Duplication Analysis	C0769	81228x1

Data Delivery Options	Test Code	CPT Code
Access to whole exome data in NextCODE system for 3 months	D0539	-
Download whole exome VCF and BAM files	D0642	-

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Sanger Sequencing - Complete Gene	Test Code	CPT Code
ALX3	S0801	81479x1
ARX	S0962	81404x1
CDKL5	S0231	81406x1
CHD7	S0368	81407x1
CHN1	S0821	81479x1
COL1A1	S0311	81408x1
COL1A2	S0640	81408x1
CYP24A1	S0011	81479x1
DCX	S0846	81405x1
DHCR7	S0752	81405x1
ELANE	S0524	81479x1
ERCC6	S0161	81479x1
ERCC8	S0948	81479x1
F13A1	S0218	81479x1
F13B	S0961	81479x1
FANCA	S0715	81479x1
FANCC	S0348	81479x1
FANCG	S0075	81479x1
FGFR2	S0845	81479x1
FLNA	S0013	81479x1
FOXG1	S0823	81404x1
GAA	S0249	81406x1
GABRG2	S0531	81405x1
GALT	S0903	81406x1
GATA1	S0730	81479x1
GBA	S0613	81479x1
GJB2 [Connexin 26]	S0908	81252x1
GLA	S0128	81405x1
GPR56	S0918	81479x1
HAX1	S0864	81479x1
HOXA1	S0390	81479x1
IDUA	S0495	81406x1
IRF6	S0074	81479x1
JAG1	S0581	81407x1
KRAS	S0713	81405x1
MECP2	S0440	81302x1
MSX1	S0900	81479x1
NLGN3	S0483	81405x1
NLGN4	S0050	81405x1
NPHP1	S0339	81406x1
NSD1	S0544	81406x1
OCA2	S0212	81479x1
PHOX2A	S0773	81479x1
PTEN	S0508	81321x1
PTPN11	S0204	81406x1

Sanger Sequencing - Complete Gene, continued	Test Code	CPT Code
RAF1	S0690	81406x1
ROBO3	S0202	81479x1
RPL11	S0055	81479x1
RPL5	S0510	81479x1
RPS19	S0804	81405x1
RPS24	S0095	81479x1
SALL4	S0101	81479x1
SBDS	S0182	81479x1
SCN1B	S0093	81404x1
SLC26A3	S0372	81479x1
SLC26A4	S0587	81406x1
SLC9A6	S0968	81406x1
SMPD1	S0401	81479x1
SOS1	S0584	81406x1
SPRED1	S0749	81405x1
SYNGAP1	S0171	81479x1
TBX22	S0418	81479x1
TCF4	S0902	81406x1
TMPRSS6	S0574	81479x1
TUBB3	S0983	81479x1
TWIST1	S0313	81404x1
TYR	S0896	81404x1
UBE3A	S0104	81406x1
XPA	S0004	81479x1
XPC	S0270	81479x1

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Deletion/Duplication Testing	Test Code	CPT Code
1p36 Deletion/Duplication	C0822	81479x1
1q21 Deletion/Duplication	C0121	81479x1
15q13.2q13.3 Deletion/Duplication	C0387	81479x1
16p11.2 Deletion/Duplication	C0116	81479x1
17q12 Deletion/Duplication	C0109	81479x1
17q21 Deletion/Duplication	C0552	81479x1
Angelman/ Prader-Willi Syndrome Methylation and Deletion/Duplication [15q11q13]	C0703	81479x1
Cri du Chat Syndrome Deletion [5p-]	C0247	81479x1
DCX Deletion/Duplication	C0593	81479x1
DMD Deletion/Duplication	C0507	81161x1
FLNA Deletion/Duplication	C0569	81479x1
GALT Deletion/Duplication	C0046	81479x1
GJB6 Deletion [Connexin 30]	T0852	81479x1
JAG1 Deletion/Duplication	C0711	81406x1
Langer-Giedion Syndrome Deletion [TRPS1, EXT1]	C0049	81479x1
MECP2 Deletion/Duplication	C0105	81304x1
Miller-Dieker Syndrome Deletion [17p13.3]	C0975	81479x1
NF1 Deletion/Duplication	C0582	81479x1
NF2 Deletion/Duplication	C0699	81405x1
NSD1 Deletion/Duplication	C0736	81405x1
PMP22 Deletion/Duplication	C0998	81324x1
PTEN Deletion/Duplication	C0466	81323x1
Rubinstein-Taybi Syndrome Deletion [16p13.3]	C0291	81406x1
Smith Magenis Syndrome Deletion [17p11.2]	X0304	81479x1
SMN1 Exon 7 Deletion/Duplication	T0996	81400x1
SPRED1 Deletion/Duplication	C0905	81479x1
TCF4 Deletion/Duplication	C0265	81405x1
TWIST1 Deletion/Duplication	C0537	81403x1
Velocardiofacial/ DiGeorge Syndrome Deletion [22q11.2]	C0207	81479x1
WAGR Syndrome Deletion [11p13]	C0108	81479x1
Williams Syndrome Deletion [7q11.2]	C0253	81479x1
Wolf-Hirschhorn Syndrome Deletion [4p-]	C0272	81479x1

Microarray	Test Code	CPT Code
ClariView Array	C0744	81229×1

Targeted Variant Analysis	Test Code	CPT Code
CLIA Confirmation of Research Findings		
* Using Existing Primers	Call to discuss	Call to discuss
* Including Development of Custom Primers	Call to discuss	Call to discuss
Familial Targeted Variant Analysis	Call to discuss	Call to discuss
Achondroplasia/Hypochondroplasia Variant Analysis	S0884	81401x1
Apert Syndrome ApVariant Analysis	T0106	81479x1
Crouzon Syndrome with Acanthosis Nigricans Variant Analysis	T0441	81403x1
Factor V Leiden Variant Analysis	T0423	81241x1
KIF21A Selection Exon Sequencing	T0868	81479x1
Melnick-Needles Syndrome Select Exon Analysis	T0635	81479x1
Mitochondrial 12S rRNA (MT-RNR1) Variants	S0920	81401x1
Mitochondrial tRNA-Leu (MT-TL1) Variants	T0167	81401x1
Mitochondrial tRNA-Lys (MT-TK) Variants	T0014	81401x1
Mitochondrial tRNA-Ser (MT-TS1) Variants	T0419	81401x1
MTHFR Thermolabile Variant Analysis	T0027	81291x1
Muenke Syndrome Variant Analysis	T0285	81400x1
Pfeiffer syndrome FGFR1 Variant Analysis	T0810	81400x1
Prothrombin Variant Analysis	T0577	81240x1

Other	Test Code	CPT Code
FMR1 CGG Repeat Analysis	T0220	81243x1
OCA2 2.7 kb Deletion	T0363	81479x1
TPMT Haplotype Analysis	T0876	81401x1
UGT1A TA Repeat Analysis	T0958	81479x1
Y Chromosome Sequence Detection [SRY, TTTY11, DDX3Y]	T0043	81400x1

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