PHONE 1.800.411.4363 FAX 1.800.434.9850 CONNECT

TOTAL BLUEPRINT PANEL REQUISITION

				/ /
Patient Last Name	Patient First Name		MI	Date of Birth (MM / DD / YYYY
Address	City	State Patient discharged from the hospital/facility:	Zip Genetic Sex:	Phone O Unknown
Accession #	Hospital / Medical Record #	Yes No	Gender identity (if differer	
REPORTING RECIPIENTS				
Ordering Physician		Institution Name		
Email (Required for International Clien	ts)	Phone	Fax	
ADDITIONAL RECIPIENTS				
Name		Email	Fax	
Name		Email	Fax	
PAYMENT (FILL OUT ONE OF THE O	PTIONS BELOW)			
Institution Name	Institution Code Insti	tution Contact Name In	stitution Phone	Institution Contact Email
—	itient is Aware of Out-Of-Pocket Costs (exclude the Front/Back of Insurance Card(s) 2. ICD10 Di	es prenatal testing) agnosis Code(s) 3. Name of Orderin	Physician / Insurad S	Signature of Authorization
		•		
Name of Insured	Insured Date of Birth (MM / DD / YYYY)	Name of Insured	Ins	ured Date of Birth (MM / DD / YYYY
Patient's Relationship to Insured	Phone of Insured	Patient's Relationship to	Insured Pho	one of Insured
Address of Insured		Address of Insured		
City	State Zip	City	Sta	te Zip
Primary Insurance Co. Name	Primary Insurance Co. Phone	Secondary Insurance Co.	Name Sec	condary Insurance Co. Phone
Primary Member Policy #	Primary Member Group #	Secondary Member Polic	y # Sec	condary Member Group #
understand that I am responsible for a reasons including, but not limited to, r	Baylor Genetics to provide my insurance ca iny co-pay, co-insurance, and unmet deductibl non-covered and non-authorized services. I un n payment for this test. Please note that Med	e that the insurance policy dictates nderstand that I am responsible for	, as well as any amounts sending Baylor Genetic	not paid by my insurance carrie

		//
Patient's Printed Name	Patient's Signature	Date (MM / DD / YYYY)
STATEMENT OF MEDICAL NECESSITY (REQUIRED)		
	or detection of a disease, illness, impairment, symptom, syndrome, or di	

patient's medical windows and the states and the person listed as the Ordering Physician is authorized by law to order the test(s) requested herein. I confirm that I have provided genetic testing information to the patient and they have consented to genetic testing.

Physician's Printed Name

Physician's Signature

___/ ___ / Date (MM / DD / YYYY)

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6060

TOTAL BLUEPRINT PANEL REQUISITION

Patient Last Name	Patient First Name	MI	// Genetic Sex	
ETHNICITY				
O African American	O Hispanic American		O Pacific Islander (Philippines, Micronesia, Malaysia, Indo	nesia)
🔿 Ashkenazi Jewish	O Mennonite		🔘 South Asian (India, Pakistan)	
🔵 East Asian (China, Japan, Korea)	🔘 Middle Eastern (Saudi Arabia, Qatar, Iraq, T	urkey)	O Southeast Asian (Vietnam, Cambodia, Thailand)	
◯ Finnish	O Native American		O Southern European Caucasian (Spain, Italy, Greece)	
🔘 French Canadian	🔘 Northern European Caucasian (Scandinavia	an, UK, Germany)	Other (Specify):	
TEST OPTION		SAMPLE		
1390 Total BluePrint Panel		SAMPLE TYPE	Cultured Skin Fibroblast	
INDICATION FOR TESTING (REQUIRED)	Cord Blood	Extracted DNA from:	
ICD10 Diagnosis Code(s)		Date of Collection	n: / /	
		testing occurs in a	d DNA/RNA will only be accepted if the isolation of nucleic acids for c a CLIA-certified laboratory or a laboratory meeting equivalent requir the CAP and/or the CMS.	

BIOLOGICAL PARENTS INFORMATION

BIOLOGICAL PARENTS SAMPLES are requested for Total BluePrint Panel interpretation of child. Send 10 cc blood in EDTA tube or saliva sample. Be sure to label parental samples with full name and parental date of birth - D0 NOT LABEL WITH CHILD'S NAME. Must sign parental testing authorization on consent.

6997 MATERNAL INFORMATION	6997 PATERNAL INFORMATION
Asymptomatic Symptomatic (Attach summary of findings)	Asymptomatic Symptomatic (Attach summary of findings)
Maternal Last Name	Paternal Last Name
Maternal First Name MI	Paternal First Name MI
Maternal Date / / of Birth: MM DD YYYY	Paternal Date / / of Birth: MM DD YYYY
Sample Type: O Buccal Swab	Sample Type: 🛛 Buccal Swab
Date of Collection: / /	Date of Collection: / / /
Not Available To Be Sent Later *	Not Available To Be Sent Later *

* If parent samples are to be sent later, please include copy of this requisition form with those samples. Please send parent samples within 2 weeks of the child/proband's sample. Additional charges may apply if parent/relative sample are received after the child/proband's sample.

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TOTAL BLUEPRINT PANEL REQUISITION

			/ /	
Patient Last Name	Patient First Name	MI	Date of Birth (MM / DD / YYYY)	Genetic Sex
ITEM CHECKLIST FOR TESTING				
Proband Sample (EDTA Required)	Signed Total Blue	Print Panel Consent Form	Maternal Sample (I	Buccal Swab)
Requisition	Clinical Note/Sur	nmary	Paternal Sample (E	Buccal Swab)
Indication for Study	Pedigree			
INDICATION FOR TESTING (REQUIRED)				

Please provide the following clinical information regarding the patient to be tested. Please also submit a clinic note and pedigree, if available. Phenotypes listed are in HPO terms with the corresponding HPO number (http://human-phenotype-ontology.github.io/). This information is needed to facilitate interpretation of Total BluePrint Panel results. If the laboratory requires additional information, please indicate the health care provider to be contacted:

Physician Name		Physician Phone
PRE/PERINATAL HISTORY	EYE DEFECTS & VISION	MOTOR/COGNITIVE DEVELOPMENT
0001622 Prematurity - GA at birth	0000505 Visual Impairment	0000750 Delayed Speech & Language Development
0001511 Intrauterine Growth Restrictions	0000618 Blindness	0001270 Delayed Motor Milestones
0001562 Oligohydramnios	0000589 Coloboma	0002376 Developmental Regression
0001561 Polyhydramnios	0000526 Aniridia	Intellectual Disability
0000476 Cystic Hygroma	0000528 Anophthalmia	
0000776 Congenital Diaphragmatic Hernia	0000568 Microphthalmia	0002342 Moderate
0001508 Failure to Thrive	0000508 Ptosis	0010864 Severe
0001539 Omphalocele	0000486 Strabismus	0000729 Autistic Spectrum Disorder
0002084 Encephalocele	0000519 Cataract Congenital Bilateral	
0010880 Increased Nuchal Translucency		
STRUCTURAL BRAIN ABNORMALITIES	NEUROLOGICAL	CRANIOFACIAL
0001360 Holoprosencephaly	0001284 Areflexia	0000256 Macrocephaly
0001339 Lissencephaly	0200134 Epileptic Encephalopathy	0000252 Microcephaly
0002084 Encephalocele	0001250 Seizures	0001363 Craniosynostosis
0000238 Hydrocephalus	0002373 Febrile Seizures	0000204 Cleft Upper Lip
0002119 Ventriculomegaly	0012469 Infantile Spasms	0000175 Cleft Palate
0001273 Abnormality of Corpus Callosum	Generalized Myoclonic	0000316 Hypertelorism
0002539 Cortical Dysplasia	0002123 Seizures	0000601 Hypotelorism
0012444 Brain Atrophy	0002069 Generalized Tonic-clonic	0008050 Abnormality of the Palpebral Fissures
0002352 Leukoencephalopathy	Seizures	0000286 Epicanthal Folds
0002269 Abnormality of Neuronal Migration	0010818 Generalized Tonic Seizures	0000288 Abnormality of the Philtrum
0002126 Polymicrogyria	0010819 Atonic Seizures	0010938 Abnormality of the External Nose
0001302 Pachgyria	0002121 Absence Seizures	
0002500 Abnormality of Cerebral White Matt	ter 0011169 Generalized Clonic Seizures	
0007266 Cerebral Dysmyelination	0001251 Ataxia	
0006808 Cerebral Hypomyelination	0001332 Dystonia	
0002134 Abnormality of the Basal Ganglia	0002072 Chorea	
0002363 Abnormality of the Brainstem	0001257 Spasticity	
0007360 Aplasia/Hypoplasia of the Cerebell	um	
O006817 Aplasia/Hypoplasia of the Cerebell Vermis		



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TOTAL BLUEPRINT PANEL REQUISITION

				/	/	
Patient Last Na	me Patient First Na	ame	MI	Date of Bir	th (MM / DD / YY	YY) Genetic Sex
INDICATION F	OR TESTING (REQUIRED) - CONTINUED					
HAIR & SKIN		CARDIAC ·			GENITOURIN	ARY
0000957	Cafe-Au-Lait Spots	0001631	Atria Septal Defect		0000113	Polycystic Kidney Dysplasia
0001034	Hypermelanotic Macule				0000107	Renal Cyst
0001010	Hypopigmentation of the Skin	0001629	Ventricular Septal Defect		0008738	Partially Duplicated Kidney
0008066	Abnormal Blistering of the Skin	0001655	Patent Foramen Ovale		_	
0008064	Ichthyosis	0001713	Abnormality of Cardiac Ventric	cle		Renal Agenesis
0000988	Skin Rash	0001636	Tetralogy of Fallot		0000085	Horseshoe Kidney
0001581	Recurrent Skin Infections	0001680	Coarctation of Aorta		0000069	Abnormality of the Ureter
	Capillary Hemangiomas	0001647	Bicuspid Aortic Valve		0000795	Abnormality of the Urethra
0001597	Abnormality of the Nail	0002616	Aortic Root Dilatation		0000047	Hypospadias
0004554	Generalized Hypertrichosis Alopecia				0000028	Cryptorchidism
	Coarse Hair	0001638	Cardiomyopathy		0000035	Abnormality of the Testis
0002299	Brittle Hair	0011675	Arrhythmia		0000062	Ambiguous Genitalia
	2					
RESPIRATOR	1	METABOLIC			MUSCULOSK	ELETAL
0002093	Respiratory Insufficiency	0001946	Ketosis		0011398	Hypotonia
0002878	Respiratory Failure	0003074	Hyperglycemia		0001276	Hypertonia
0002104	Apnea	0001943	Hypoglycemia		0000098	Tall Stature
0002791	Hypoventilation	0001941	Acidosis		0004322	Short Stature
					0001382	Joint Hypermobility
0002883	Hyperventilation Recurrent Upper Respiratory Tract	0003128	Lactic Acidosis		0001371	Flexion Contracture
0002788	Infections	0003215	Dicarboxylic Aciduria		0002804	Arthrogryposis Multiplex Congenita
		0002490	Increased CSF lactate		0001161	Hand Polydactly
		0001992	Organic Aciduria		0001829	Foot Polydactly
		0030085	Abnormal CSF Lactate Level		0006101	Finger Syndactly
		00003542	Increased Serum Pyruvate		0001770	Toe Syndactly
GASTROINTE	STINAL	0003535	3-Methylglutaconic aciduria		0100490	Camptodactyly of Finger
0002021	Pyloric Stenosis	0001942	Metabolic acidosis		0012165	Oligodactyly
0002575	Tracheoesophogeal Fistula	0100493	Hypoammonemia			Talipes Equinovarus
	Esophageal Atresia	0001987	Hyperammonemia			Recurrent Fractures
	Gastroesophageal Reflux					Scoliosis
0001733	Pancreatitis Diarrhea	0004923	Hyperphenylalaninemia		0002808	Kyphosis
	Constipation	0003234	Decreased Plasma Carnitine Elevated Serum Creatine		0003307	Hyperlordosis
	Inflammatory Bowel Disease	0003236	Phosphokinase			Hemihypertrophy Obesity
0004389	Intestinal Pseudo-Obstruction	Abnormal	Newborn Screen		0001548	Overgrowth
0001399	Hepatic Failure	🗌 Unusual C	olor/Odor		0001548	Skeletal Dysplasia
0002572	Episodic Vomiting					
0001744	Splenomegaly					· · · · · · · · · · · · · · · · · · ·
0002240	Hepatomegaly				ш	
0001508	Postnatal Failure to Thrive					
0002578	Gastroparesis					
Ц						

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TOTAL BLUEPRINT PANEL REQUISITION

			_ / /	
Patient Last Name	Patient First Name	MI Date of	f Birth (MM / DD / YYYY)	Genetic Sex
INDICATION FOR TESTING (REQUIRED) -	CONTINUED			
HEMATOLOGY	ENDOCRINE		OTHER	
0001875 Neutropenia 0005549 Congenital Chronic Cyclic 0001873 Thrombocytopenia 0040185 Macrothrombocytopenia 0005537 Decreased Mean Platelet Vol 0005518 Erythrocyte Macrocytosis 0004444 Spherocytosis	0000819 0000873 0000821 0000829 0000834 0001738 0002721	Diabetes Mellitus Diabetes Insipidus Hypothyroidism Hypoparathyroidism Abnormality of the Adrenal Glands Exocrine Pancreatic Insufficiency Immunodeficiency	0001954 Episodic 0004313 Hypogar 0010701 Abnorm	ality of Macrophages : Fever nmaglobulinemia al Immunoglobulins deficiency
O012410 Pure Red Cell Aplasia Aplastic Hypoplastic 0001903 Anemia 0005528 Bone Marrow Hypocellulari Second Stress Str	ty 0000407 0000405 0000405 0000410 00004467 0000384 00000369 0000037	TS & HEARING Sensorineural Hearing Impairment 08619 Bilateral Conductive Hearing Impairment Mixed Hearing Impairment Preauricular Pit Preauricular Skin Tag Low-set Ears Abnormality of the Pinna	GENES OF INTEREST	

ADDITIONAL CLINICAL INFORMATION

DIFFERENTIAL DIAGNOSIS

CONNECT



TOTAL BLUEPRINT PANEL REQUISITION

			/ /	
Patient Last Name	Patient First Name	MI	Date of Birth (MM / DD / YYYY)	Genetic Sex
TEST INFORMATION	•••••••••••••••••••••••••••••••••••••••			

This consent form will provide you with information regarding genetic testing, which you should discuss with your healthcare provider or a genetic counselor. To assist you in understanding the reason for this testing, we have provided information about the testing process and potential results below.

The purpose of genetic testing is to determine if a genetic disease may be present or if there is an increased risk for a genetic disease to occur in a patient or their family. DNA is the genetic material that we receive from our parents. Genes are made of DNA and are the instructions for maintaining the health of our body. Each person has a unique set of DNA and most of the differences in our DNA do not impact our health. Genetic testing analyzes DNA to find any abnormal changes (mutations also called variants) that might cause disease, make it more likely to develop disease, and/or increase the chance of having a child affected by disease.

The testing ordered by your healthcare provider can determine if you or your child have a variant associated with a genetic disease. "Your child" can also mean your unborn child, for the purposes of this consent.

Depending on why genetic testing is needed, you might be tested for:

- A known variant that has already been found in your family
- A single gene or variant that causes a specific, suspected disease.
- Multiple genes at the same time. These genes might cause similar diseases or might cause diseases that are unrelated to each other.
- Multiple types of testing that each test for different variants.

RESULTS ·····

There are several types of test results that may be reported including:

- Positive: Positive or "abnormal" results mean there is a change in the DNA found that is related to your/your child's medical issues or that you/your child are at an increased risk of developing a disease in the future. It is possible to test positive for more than one variant. Positive results might include pathogenic variants (variants known to be associated with disease) and likely pathogenic variants (variants that are likely to be associated with disease).
- Negative: Negative or "normal" results mean no relevant variants related to your/your child's medical issues were detected or that you/your child are not expected to be at an increased risk for developing a disease in the future. This might indicate that there are no variants associated with disease in the gene(s) tested. Genetic testing, while highly accurate, might not detect a variant present in the gene(s) tested. This can be due to limitations of the information available about the gene(s) being tested, or limitations of the testing technology.
- Variant of Uncertain Significance: Testing can detect variant(s) in DNA which we do not yet fully understand. These are also referred to as variants of uncertain significance (VUS). Additional testing may be recommended for you or your family if a VUS is identified in a gene that may be associated with your/your child's medical condition.
- Secondary / Incidental Findings: Testing can sometimes detect a variant in a person's DNA unrelated to the reason for testing. If this variant is expected to have medical or reproductive significance, it is called a secondary or incidental finding.

CONSIDERATIONS AND LIMITATIONS

- This consent form cannot be used for whole exome sequencing (WES), whole genome sequencing (WGS), or Huntington's disease testing. These tests have specific consents that are located at https://www.baylorgenetics.com/consent/.
- Results may indicate you have a genetic disease, are at increased risk to develop a genetic disease, and/or be at an increased risk to have a child with a
 genetic disease. It is important to understand that genetic tests, even if negative, cannot rule out every variant. It is not possible to exclude risks for all
 genetic diseases for you and your family members.
- Depending on the type of genetic testing performed and the results, additional genetic testing or other testing may be needed to fully understand the likelihood of your developing the disease or the severity of the disease. This additional testing might be needed for you/your child or other members of your family.
- It is recommended that you discuss genetic testing with your healthcare provider or genetic counselor before signing this consent and again after results are made available.
- It may not always be possible to complete testing. as sometimes the sample does not have enough DNA to perform testing or other reasons. In these cases, another sample may need to be sent to the laboratory to perform testing.

PATIENT CONFIDENTIALITY AND SPECIMEN RETENTION

• If several family members are tested, the correct interpretation of the results depends on the information provided about the relationships amongst family members. In rare cases, genetic testing can reveal that the true biological relationships in a family are not as they were reported. If a difference is identified, it may be necessary to share this information with the healthcare provider who ordered the testing.



TOTAL BLUEPRINT PANEL REQUISITION

			/ /	
Patient Last Name	Patient First Name	MI	Date of Birth (MM / DD / YYYY)	Genetic Sex
PATIENT CONFIDENTIALITY A	ND SPECIMEN RETENTION (CONT.) ····			
Genetic testing is highly ac	curate, however in rare cases, inaccu	rate results may occur.	Reasons for this include, but are not I	imited to, mislabeled

- If you sign this consent form, but you no longer wish to have your sample(s) tested, you can contact the healthcare provider who ordered the test to
 cancel the test. If you wish to cancel testing, the laboratory must be notified of the cancellation request before 5 PM CST the business day after the
 sample has begun testing. If the laboratory is not notified of your cancellation request until after this time, you will be charged for the full cost of the
 test.
- Only Baylor Genetics and Baylor Genetics contracted partners will have access to the sample(s) provided to conduct the requested testing. Results will only be released to the following person(s): (i) a licensed healthcare provider, (ii) those authorized in writing, (iii) the patient or their personal representative, and (iv) those allowed access to test results by law. I understand that I have the right to access any test results directly from Baylor Genetics by providing a written request. I also understand that laboratory raw data, while not routinely released as part of the testing process, can be requested by providing a written request or HIPAA Authorization Form.
- In rare cases, persons with genetic diagnoses have experienced problems with insurance coverage and employment. The U.S. Federal Government has enacted several laws that prohibit discrimination based on genetic test results by health insurance companies and employers. In addition, these laws prohibit unauthorized disclosure of this information. For more information, you can visit www.genome.gov/10002077.
- Samples will be retained in the laboratory in accordance with the laboratory retention policy.

samples, inaccurate reporting of clinical/medical information, or rare technical errors.

- After testing is complete, the de-identified submitted specimen may be used for test development and improvement, internal validation, quality assurance, and training purposes. DNA specimens are not returned to individuals or to referring heath care providers unless specific prior arrangements have been made.
- Samples from residents of New York State will not be included in research studies without your written consent and will not be retained for more than 60 days after receipt of the sample. No tests other than those authorized shall be performed on the biological sample.
- By signing this consent form, I understand and agree that variants identified may also be submitted to public databases, such as ClinVar. Such submission serves to contribute knowledge to the medical community. I understand that limited clinical information is also required for the submission of information to ClinVar's database and further that the contents of this limited clinical information may, although unlikely, include information that may identify me personally.
- It is possible that even if the test identifies the underlying genetic cause for the disease in your family, this information may not help in predicting the progression of disease or change management or treatment of disease.

FINANCIAL AGREEMENT AND GUARANTEE

By signing this consent form, I accept full and complete financial responsibility for all genetic testing ordered by my healthcare provider. For insurance billing, I hereby authorize Baylor Genetics to bill my health insurance plan on my behalf, and further authorize Baylor Genetics to release any information to my insurance carrier which is reasonably required for billing. I additionally designate Baylor Genetics as my designated representative for purposes of appealing any denial of benefits by my insurance carrier. I irrevocably assign associated payment to Baylor Genetics, and direct that payment be made directly to Baylor Genetics. I understand that my out-of-pocket costs may be different than the estimated amount indicated to me by Baylor Genetics as part of a verification of benefits investigation. I agree to be financially responsible for all amounts as indicated on the explanation of benefits issued by my health insurance plan. If my insurance provider sends a payment directly to Baylor Genetics within thirty (30) days of receipt thereof, as payment towards Baylor Genetics' claim for services rendered. If I do not have health insurance, I agree to pay for the full cost of the genetic testing that was ordered by my healthcare provider and billed to me by Baylor Genetics.

I understand that a completed Advance Beneficiary Notice (ABN) is required for Medicare patients if the service is deemed not medically necessary.

RECONTACT FOR RESEARCH CONSENT

Baylor Genetics participates in research relating to health, disease prevention, drug development, and other scientific purposes. Baylor Genetics may contact patients or their provider(s) directly as part of this research. I agree to allow Baylor Genetics to contact me or my provider(s) about possible research involving the sample(s) and/or information associated with this testing. I understand that patients generally receive no compensation for this participation in research. For more information on research at Baylor Genetics, please visit baylorgenetics.com.

If I wish to opt out of being recontacted for research purposes by Baylor Genetics, I understand that I may check the box below:

□ Please do not contact me regarding any research that uses information obtained from this testing.

For any research I may be contacted about, I prefer contact through the following methods (please check all that apply – if no choices are selected, contact will be made via secure email if possible):

□Email □Phone □Mail

CONNECT



TOTAL BLUEPRINT PANEL REQUISITION

			/ /	
Patient Last Name	Patient First Name	МІ	Date of Birth (MM / DD / YYYY)	Genetic Sex
PATIENT AUTHORIZATION				

By signing this statement of consent, I acknowledge that I have read, understand, and hereby grant my informed consent for genetic testing. I have received appropriate explanations from my healthcare provider about the planned genetic test(s) and possible results. I have been informed by my healthcare provider about the availability and importance of genetic counseling and have been provided with written information identifying a genetic counselor or medical geneticist who can provide such counseling services. All my questions have been answered and I have had the necessary time to make an informed decision about the genetic test(s).

I hereby give permission to Baylor Genetics to conduct genetic testing as recommended by my physician.

		//
Patient's Printed Name	Patient's Signature	Date (MM / DD / YYYY)
		/ /
Patient's Parent / Personal Representative* Name	Patient's Parent / Personal Representative Signature	Date (MM / DD / YYYY)
		//
Relationship of Personal Representative to the Patient	Ordering Provider's Signature	Date (MM / DD / YYYY)

*If you are signing as a person with legal authority to act on behalf of the patient, you may be required to provide evidence of your authority.