

GENETICS AND GENOMICS DIAGNOSTIC LABORATORY

For courier service and/or inquiries, please contact 513-636-4474 • Fax: 513-636-4373
3333 Burnet Avenue, Room NRB 1013, Cincinnati, OH 45229 (For Saturday delivery, please include "Dock 5" on the airbill)
www.cincinnatichildrens.org/cytogenetics • Email: LabGeneticCounselors@cchmc.org

PRENATAL GENETICS REQUISITION

All Information Must Be Completed Before Sample Can Be Processed

PATIENT INFORMATION	PROVIDER INFORMATION
Patient Name:,,,,	Ordering Provider (print):
Last First MI	Ordering Provider Title:
Date of Birth:/ / Gender: ☐ Female ☐ Male	Institution:
MRN:	Address:
Address:	Phone: () Fax: ()
Fetal Sex: ☐ Male ☐ Female ☐ Ambiguous ☐ Unknown	Email:
Based on:	
	Ordering Provider Signature (REQUIRED)
ETHNIC/RACIAL BACKGROUND (Choose All)	
☐ European American (White) ☐ African-American/black ☐ Native American or Alaskan ☐ Asian	Contact Information for questions/results (if different than ordering provider):
☐ Pacific Islander ☐ Ashkenazi Jewish ancestry	Name & Title: Phone: () Fax: ()
☐ Latinx/Hispanic: (country/region of origin)	Email:
☐ Other: (country/region of origin)	
FETAL SAMPLE INFORMATION	INDICATIONS/DIAGNOSIS/ICD-10 CODE
SPECIMEN TYPE:	☐ Abnormal Screening Test Result
□ Amniotic Fluid Amnioinfusion performed? Yes □ No □	Increased risk of:
□ CVS □ Products of Conception (type:)	☐ Abnormal fetal ultrasound:
□ Fetal Peripheral Blood □ Fetal Urine	
□ Other	☐ Recurrent Pregnancy Loss
SPECIMEN DATE: / / TIME:	□ Family History:
DRAWN BY:	☐ Advanced Maternal Age
PREGNANCY DATA: (Multiple gestation: Complete separate requisitions for each fetus)	☐ Consanguinity (please specify relationship):
Gestatational age (GA) at sample collection:wksdays	□ Other:
☐ GA by Ultrasound ☐ GA by LMP	BILLING INFORMATION
G P SAB TAB	
	Please call 1-866-450-4198 with billing questions
PARENTAL SAMPLE INFORMATION	☐ INSTITUTION BILL
☐ Maternal Sample (REQUIRED)	Institution:
☐ Peripheral Blood ☐ Saliva ☐ Other:	Address:
Specimen Date: / / Time:	City/State/Zip:
Drawn By:	Accounts Payable Contact Name:
☐ Paternal Sample Included	Phone:
Father's name:,	Fax:
Date of Birth:/ Gender: Gender: Male MRN:	Email:
☐ Peripheral Blood ☐ Saliva ☐ Other:	□ COMMERCIAL INSURANCE
Specimen Date: / / Time:	Can only be billed if requested at time of service.
Drawn By:	☐ Billing information attached - include a copy of insurance card/face sheet

Cancellation Policy: Tests can only be cancelled if laboratory is notified prior to the initiation of testing.

☐ Patient signed completed ABN

Medical Necessity Regulations: At the government's request, the Molecular Genetics Laboratories would like to remind all physicians that when ordering tests that will be paid under federal health care programs, including Medicare and Medicaid programs, that these programs will pay only for those tests the relevant program deems to be (1) included as covered services, (2) reasonable, (3) medically necessary for the treatment and diagnosis of the patient, and (4) not for screening purposes.

Please Note: We will not bill Medicaid, Medicaid HMO, or Medicare except for the following: CCHMC Patients, CCHMC Providers, or Designated Regional Counties. If you have questions, please call 1-866-450-4198 for complete details.



Patient Name:	Date of Birth:
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PREVIOUS GENETIC TESTING RESULTS

Please provide a copy of test RESULTS for all previous genetic testing per ☐ Chromosome/FISH analysis ☐ Microarray ☐ NIPT Screening ☐ Paren	
TESTS	REQUESTED
TESTING FOR CHROMOSOMAL DISORDERS	☐ Fragile X (MCC* required)
Prenatal Reflex Test (See page 5 for additional information): ☐ Aneuploidy FISH Panel (13, 18, 21, X and Y) with Reflex to:	 Fragile X repeat expansion testing is available for cultured amniocytes, cultured CVS and POC samples. Fragile X repeat expansion testing with methylation analysis is only available for direct amniotic fluid samples.
 Chromosome Analysis If FISH is ABNORMAL OR SNP Microarray on direct amniotic fluid If FISH is Normal 	TARGETED FAMILIAL TESTING FOR KNOWN VARIANTS
☐ Parental testing for abnormal fetal SNP results (VUS, likely pathogenic or pathogenic): Microarray Family Study ☐ Test Maternal sample ☐ Test Paternal sample	☐ Known mutation analysis (Targeted Sanger sequencing) ☐ Deletion/Duplication analysis by aCGH (Targeted Del/Dup - Please contact the lab pr to ordering to confirm availability)
☐ Prenatal Aneuploidy FISH Panel (FISH for 13, 18, 21, X and Y) ☐ Other FISH testing (please call lab for availability):	Gene: Familial variant 1 : Familial variant 2 (if applicable): Family members' test reports must be sent with sample.
□ Chromosome Analysis □ Reflex to Microarray if products of conception sample fails to grow for chromosome analysis	***Control samples may be needed (see page 5 for additional information) Login control samples for DNA Extraction & Storage (Director Discretion - no charge)
□ SNP Microarray	SINGLE GENE TESTING
☐ Reflex to Special Study if microarray is non-diagnostic Culture and send cells to:	☐ Spinal Muscular Atrophy - SMN1/SMN2 Copy Number Analysis
A completed external lab requisition must be sent with the sample [†]	☐ Alpha (HBA1/2) and Beta (HBB) Globin Gene Locus Analysis (Panel)
☐ Parental testing for abnormal fetal SNP results (VUS, likely patho-	☐ HBA1 and HBA2 (α-globin) sequence analysis
genic or pathogenic): Microarray Family Study ☐ Test Maternal sample ☐ Test Paternal sample	☐ HBA1 and HBA2 (α-globin) locus del/dup analysis (HBA1/2 & HBZ)
	□ HBB (β-globin) sequence analysis □ HBB (β-globin) locus del/dup analysis (HBB, HBD, HBG1/2, & HBE)
☐ Microarray Family Study - Positive Family Member (FM) Information: FM Positive Results:	
FM Name: FM Date of Birth:	Full Gene Sequencing - Director approval is required Please select from the single genes listed below.
Optical Genome Mapping (OGM) (for amniotic fluid specimens only) □ Optical Genome Mapping* - Targeted Analysis: Known SV, gene and/or specific region: *Please contact GGDL to confirm OGM's coverage for the target region	□ ACADM □ DES □ IDS □ NKX2-5 □ TAZ □ ABCB11 □ ELANE □ IL2RG □ NODAL □ TBX1 □ ABCB4 □ EMD □ ITK □ OTOF □ TBX5 □ ACTA2 □ EYA1 □ JAG1 □ POLG1 □ TGFBR1 □ ADAMTS13 □ FANCA □ KCNJ2 □ PRF1 □ TGFBR2 □ ALDOB □ FANCC □ LAMP2 □ PTEN □ TITIN
before ordering the test	☐ APOB ☐ FANCG ☐ LDB3 ☐ RAB27A ☐ TJP2 ☐ ATP7B ☐ FASLG ☐ LDLR ☐ SBDS ☐ TNFRSF6
OTHER TESTING	□ ATP8B1 □ FBN1 □ LMNA □ SCO2 □ TNNT2 □ BAAT □ FOXH1 □ LRBA □ SERPINA1 □ UGT1A1
□ Maternal Cell Contamination (MCC*): amniotic fluid & CVS samples or Maternal Engraftment (ME): cord blood (Maternal sample required for both options) For cord blood samples only: Baby's Name: □ Do NOT include AFP or ACHE testing in order □ ACHE (amniotic fluid)	□ CASP10 □ FOXP3 □ MAGT1 □ SH2D1A □ VCP □ CASQ2 □ GAA □ MAP2K1 □ SKI □ VLCAD □ CAV3 □ GAMT □ MECP2 □ SLC22A5 □ WAS □ CD40LG □ GATA2 □ MYBPC3 □ SLC26A4 □ XIAP □ CDH23 □ GATM □ MYH11 □ SLC6A8 □ ZIC3 □ CFC1 □ GBA □ MYH7 □ STAT3 □ CPT2 □ GJB2 □ MYL2 □ STX11 □ CTLA4 □ GLA □ MYL3 □ STXBP2 □ CTNS □ HAX1 □ MYO7A □ SURF1
☐ Special Study (please call lab prior to ordering)	Please contact the lab regarding sequencing of any other single genes.
Culture and send cells to:	INICIATION IS DISCASS TESTING
A completed external lab requisition must be sent with the sample [†] ☐ Special Study is the priority over microarray OR	INFECTIOUS DISEASE TESTING Performed by Molecular and Genomic Pathology Services (MGPS) Lab
\square Microarray is the priority over special study	☐ Cytomegalovirus qualitative PCR
☐ Special Study culture and freeze	\square Herpes Simplex Virus 1 and 2 qualitative PCR
☐ Thaw and Expand previous sample (Special Study)	☐ Parvovirus qualitative PCR
□ DNA extraction & storage (**see backup culture policy on page 5) Minimum DNA amount:	☐ Toxoplasma gondii qualitative PCR ☐ Other:

See page 5 for additional details

'If all requisition forms for recipient lab are not received within 1 week of our sample receipt, the sample will be frozen and stored. Please check with special study recipient lab for additional required materials (such as maternal sample) that must be sent with the proband sample. Prenatal samples that require additional culturing for MCC testing will incur an additional fee.



Patient Name:	Date of Birth:
	2440 01 211411

GENE PANEL TESTING		
☐ Cleft and Craniofacial Gene Panel (288 genes)* ☐ Reflex to Whole Exome Sequencing Whole exome sequencing (WES) orders require a signed WES Consent Form and completion of the WES Test Requisition. Also, inclusion of biological parental samples is strongly encouraged to assist with the analysis of WES and to increase test yield. Please visit our website at www.cincinnatichildrens.org/exome to obtain the required documents. WES testing will NOT be started until all forms are completed and received by the lab. ☐ Parental Testing for abnormal fetal results (pathogenic, likely pathogenic or VUS) for the Cleft and Craniofacial Gene Panel:	CARDIOLOGY GENE PANELS Congenital Heart Diseases Panel (187 genes)* Heterotaxy Panel (114 genes)* RASopathy-Noonan Panel (31 genes)* Reflex to deletion/duplication of all genes available on the cardiology panel selected above* Reflex to deletion/duplication of single gene(s) available on the cardiology panel selected above* Parental Testing for abnormal fetal results (pathogenic, likely pathogenic or VUS) for the cardiology gene panel or del/dup test	
(Family Study) ☐ Test Maternal sample ☐ Test Paternal sample	selected above: Gene Panel or Targeted del/dup by CGH (Family Stud ☐ Test Maternal sample ☐ Test Paternal sample	
a resemble and reservice and resulting to	*See page 4 for additional gene panel and del/dup information	
PRENATAL EX	OME TESTING	
☐ Fetus only ☐ Duo (fetus and biological mother) ☐ Trio (fetus and both biological parents) Preliminary Results A verbal preliminary result can be provided in 15 days for a provider-defined list of genes (up to 15 genes) Gene list:	☐ Fetal sample ☐ Maternal sample ☐ Paternal sample and demographic information (page 1) ☐ Preliminary gene list ☐ Detailed clinical information (see below) ☐ Family history/pedigree ☐ Completed consent form Providing a copy of clinical records including imaging reports (e.g. MRI, ultrasound, echocardiogram) is strongly recommended.	
	IRED for Prenatal Exome Sequencing	
Please check all that apply and specify in the space provided Abdomen and Gastrointestinal Abdominal wall defect (specify:) Abnormal abdominal situs Anorectal anomaly Bowel obstruction (specify:) Echogenic bowel Hepatomegaly Small stomach Spleen anomaly	Cardiovascular Arrythmia/conduction defect Cardiomyopathy Congenital heart defect (specify:	
□ Other:	□ Cleft lip □ Cleft palate □ Frontal bossing □ Micrognathia/retrognathia □ Midface hypoplasia □ Nose anomaly (specify:	

☐ Other: __



Patient Name: Da	ate of Birth:
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CLINICAL INFORMATION (continued)

Musculoskeletal		Other	
☐ Abnormal mineralization		☐ Abnormal placenta	
☐ Arthrogryposis		☐ Fetal anemia	
☐ Fracture		☐ Intrauterine growth restriction	
☐ Shortened long bones		☐ Large for gestational age	
☐ Arm anomaly (specify:)	☐ Oligo/anhydramnios	
☐ Hand anomaly (specify:)	□ Polyhydramnios	
☐ Leg anomaly (specify:		☐ Other:	
☐ Foot anomaly (specify:			
□ Other:		Additional Clinical Information:	
Neck, Chest, and Lungs			
☐ Bell-shaped chest			
☐ Congenital diaphragmatic hernia			
☐ Pulmonary hypoplasia			
☐ Short ribs			
☐ TEF/esophageal atresia			
□ Other:		Family History/Pedigree:	
Vertebra/Spine			
☐ Kyphosis			
☐ Sacral agenesis			
☐ Scoliosis			
☐ Spina bifida			
□ Other:			

ADDITIONAL GENE PANEL INFORMATION

Cleft and Craniofacial Gene Panel (288 genes):

ABCC9, ACSS2, ACTB, ACTG1, ADAMTSL4, AHDC1, ALPL, ALX1, ALX3, ALX4, AMELX, AMER1, AMMECR1, AMOTL1, ANKH, ANKRD11, ARHGAP29, ARSB, ASPH, ASXL1, ASXL3, B3GAT3, B3GLCT, BCOR, BMP2, BMP4, BMPR1B, BPNT2, BRAF, BRD4, C2CD3, CBFB, CCNQ, CD96, CDC45, CDH1, CDKN1C, CDON, CENPF, CEP164, CHD5, CHD7, CILK1, CNOT1, COG1, COL11A1, COL11A2, COL2A1, COL9A1, COL9A2. COL9A3. COLEC10. COLEC11. CPLANE1. CREBBP. CTNND1. CTSK. CYP26B1, DDX59, DHCR7, DHODH, DISP1, DLL1, DLX4, DPF2, DPH1, DVL1, DVL3, EDN1, EDNRA, EFNA4, EFNB1, EFTUD2, EHMT1, EIF4A3, EP300, ERF, ESCO2, ESRP2, EVC, EVC2, EYA1, FAM20C, FBN1, FGD1, FGF10, FGF8, FGF9, FGFR1, FGFR2, FGFR3, FLNA, FLNB, FOXE1, FOXI3, FRAS1, FREM1, FST, FTO, FZD2, GAS1, GDF11, GJA1, GLI2, GLI3, GNAI3, GNAS, GNPTAB, GPC3, GPC4, GRHL3, GSC, GTF2E2, GZF1, HDAC8, HIST1H1E, HNRNPK, HUWE1, HYAL2, HYLS1, IDS, IDUA, IFT122, IFT140, IFT43, IGF1R, IGF2, IHH, IL11RA, INPPL1, IRF6, IRX5, ISM1, JAG1, KAT6A, KAT6B, KDM1A, KDM6A, KIAA0586, KIF7, KMT2D, KRAS, LOXL3, LRP2, LTBP1, MAFB, MAP3K7, MASP1, MED13L, MED25, MEGF8, MEIS2, MID1, MKS1, MN1, MSX1, MSX2, MTX2, MYCN, MYMK, MYT1, NBAS, NECTIN1, NEDD4L, NIPBL, OFD1, P4HB, PAX1, PAX3, PAX7, PDE4D, PGM1, PHEX, PHF21A, PHF8, PIEZO2, PIGN, PJA1, PLCB4, PLCH1, PLEKHA5, PLEKHA7, PLOD3, POLR1A, POLR1B, POLR1C, POLRID, POR, PORCN, PPP1R12A, PRRX1, PSAT1, PTCH1, PTDSS1, PTPN11, RAB23, RAD21, RAX, RBM10, RECQL4, RIPK4, ROR2, RPGRIP1L, RPL5, RSPRY1, RUNX2, RYK, SATB2, SCARF2, SCLT1, SCN4A, SEC24D, SEMA3E, SF3B2, SF3B4, SHH, SHOC2, SHROOM3, SIN3A, SIX1, SIX2, SIX3, SIX5, SKI, SLC25A24, SMAD2, SMAD3, SMAD4, SMAD6, SMARCA4, SMARCB1, SMC1A, SMC3, SMG9, SMO, SMS, SMURF1, SNRPB, SON, SOST, SOX11, SOX6, SOX9, SPECC1L, SPRY1, SPRY4, STAG2, STIL, SUFU, SUMO1, TBC1D32, TBX1, TBX22, TCF12, TCOF1, TFAP2A, TFAP2B, TGDS, TGFB1, TGFB2, TGFB3, TGFBR1, TGFBR2, TGIF1, TLK2, TMCO1, TOPORS, TP63, TRAF7, TRRAP, TWIST1, TWIST2, TXNL4A, UBE3B, USP9X, VAX1, VCAN, WASHC5, WDR19, WDR35, WNT5A, YAP1, YWHAE, ZEB2, ZIC1, ZIC2, ZNF462, ZSWIM6

CARDIOLOGY GENE PANELS:

Congenital Heart Diseases Panel (187 genes):

ABL1, ACTA2, ACTB, ACTC1, ACTG1, ACVR1, ACVR2B, ACVRL1, ADAMTS10, AK7, ALMS1, ANKS6, ARHGAP31, ARMC4, ATRX, B3GAT3, BBS1, BBS10, BBS2, BCL9L, BCOR, BMPR2, BRAF, C210RF59, CACNA1C, CBL, CCDC103, CCDC11, CCDC114, CCDC151, CCDC39, CCDC40, CCDC65, CCN0, CDK13, CENPF, CFAP300, CHD4, CHD7, CITED2, COL2A1, CREBBP, CRELD1, CYR61, DHCR7, DNAAF1, DNAAF2, DNAAF3, DNAAF4, DNAAF5, DNAH1, DNAH11, DNAH15, DNAH8, DNAH9, DNAI1, DNAI2, DNAJB13, DNAL1, DRC1, DSG2, DSP, DTNA, EFTUD2, EIF2AK4, ELN, ENG,

EVC EVC2, FBN1, FBN2, FGFR2, FLNA, FLNB, FOXC1, FOXC2, FOXF1, FOXH1, G6PC3, GAS2L2, GAS8, GATA4, GATA5, GATA6, GDF1, GJA1, GJA5, GLI3, GPC3, HAND1, HES7, HRAS, HYDIN, INVS, JAG1, KCNJ2, KIF7, KRAS, LEFTY2, LMNA, LRRC56, LRRC6, MAP2K1, MAP2K2, MCIDAS, MED13L, MEGF8, MEIS2, MID1, MKKS, MKS1, MMP21, MRE11, MYCN, MYH6, NAT10, NEK8, NF1, NIPBL, NKX2-5, NKX2-6, NME8, NODAL, NOTCH1, NOTCH2, NPHP3, NR2F2, NRAS, NSD1, NTRK3, OFD1, PIH1D3, PIK3R2, PITX2, PKD1L1, PKD2, PPP1CB, PQBP1, PRKD1, PRKG1, PRRX1, PTPN11, RAF1, RAI1, RBM10, RIT1, RSPH1, RSPH3, RSPH4A, RSPH9, SALL4, SCN1B, SCN5A, SEMA3E, SHOC2, SHROOM3, SKI, SMAD2, SMAD6, SOS1, SOS2, SOX7, SPAG1, SPEG, TAB2, TBX1, TBX20, TBX3, TBX5, TCAP, TCTN2, TFAP2B, TGD5, TGFB2, TGFBR2, TLL1, TTC25, TWIST1, UBR1, VCL, WDR35, ZFPM2, ZIC3, ZMPSTE24, ZMYND10, ZNF469

Heterotaxy Panel (114 genes):

ACTC1, ACVR2B, AK7, ALMS1, ANKS6, ARMC4, BBS1, BBS10, BBS2, BCL9L, BCOR, BRAF, C210RF59, CBL, CCDC103, CCDC11, CCDC114, CCDC151, CCDC39, CCDC40, CCDC65, CCNO, CENPF, CFAP300, CHD7, CRELD1, DNAAF1, DNAAF2, DNAAF3, DNAAF5, DNAH1, DNAH11, DNAH5, DNAH8, DNAH9, DNAH1, DNAI2, DNAJB13, DNAL1, DRC1, ELN, EVC, EVC2, FOXF1, FOXH1, GAS2L2, GAS8, GATA4, GATA6, GDF1, GJA1, GPC3, HES7, HRAS, HYDIN, INVS, JAG1, KIF7, KRAS, LEFTY2, LMNA, LRRC56, LRRC6, MAP2K1, MAP2K2, MCIDAS, MED13L, MEGF8, MEIS2, MKS1, MMP21, MRE11, NAT10, NEK8, NF1, NKX2-5, NKX2-6, NME8, NODAL, NOTCH1, NOTCH2, NPHP3, NR2F2, NRAS, NSD1, OFD1, PIH103, PKD1L1, PKD2, PQBP1, PRRX1, PTPN11, RAF1, RIT1, RSPH1, RSPH3, RSPH4A, RSPH9, SCN5A, SHOC2, SHROOM3, SMAD2, SOS1, SPAG1, TBX1, TBX5, TCTN2, TTC25, UBR1, WDR35, ZIC3, ZMPSTE24, ZMYND10

RASopathy/Noonan Spectrum Disorder Panel (31 genes):

A2ML1, ACTB, ACTG1, BRAF, CBL, CDC42, HRAS, KAT6B, KRAS, LZTR1, MAP2K1, MAP2K2, NF1, NF2, NRAS, NSUN2, PPP1CB, PTEN, PTPN11, RAF1, RASA1, RASA2, RIT1, RRAS, SHOC2, SOS1, SOS2, SPRED1, TBCK, TSC1, TSC2

'For the Cardiology Gene Panels, Del/Dup analysis of the following genes is not available at this time: A2ML1, ABL1, ACTA2, ACTG1, ACVR1, ACVR2B, ARHGAP31, BCL9L, CACNA1C, CCDC114, CDC42, CDK13, CHD4, CYR61, DSG2, DTNA, FOXH1, GATA5, GDF1, HAND1, LEFTY2, LZTR1, MAP2K1, MCIDAS, MID1, MRE11, MYH6, NAT10, NTRK3, PPP1CB, PRKD1, PRKG1, PRRX1, RASA2, RIT1, RRAS, SCN1B, SHROOM3, SKI, SMAD2, SMAD6, SOS2, TCAP, SPEG1, TFAP2B, TLL1, VCL, WDR35, and ZMYND10.



Patient Name:	Date of Birth:
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SPECIMEN REQUIREMENTS

Tissue Testing:

20-30 mg in media or on a piece of sterile saline gauze (specimen should not be floating in saline).

*Please note: When requested, original POC tissue can be returned after testing is completed (if available). Please contact the lab at 513-636-4474 for details.

Prenatal Testing:

Amniotic Fluid: At least 25 mL amniotic fluid is requested. Smaller samples are always accepted but may require additional culture time to meet minimum sample requirements. If multiple tests are being ordered, sending additional amniotic fluid may avoid delays related to a need to culture cells.

*Please note:

- In order to perform SNP Microarray testing on direct amniotic fluid samples (without culturing the cells), we require 25 mL of amniotic fluid. If the sample is sufficient, we will automatically perform SNP Microarray on direct amniotic fluid samples. However, bloody samples (fluid or cell pellet), low volume/low cell count samples, and/or samples with additional special study orders may need to be cultured to obtain SNP Microarray results.
- Amniotic fluid chromosome or microarray order includes (with additional charges): AF-AFP if gestational age 13W0D—36W6D with reflex to ACHE if AFP is abnormal. Order for ACHE will be added for the following indications: suspected or known neural tube defect, screen positive for neural tube defect, any open fetal lesions. AFP and ACHE will not be ordered for the following indications: fetal demise, twin reversed arterial perfusion (TRAP), twin-twin transfusion syndrome (TTTS), or any specimen type other than amniotic fluid.

CVS: 40 mg in sterile media. Smaller samples always accepted but may require additional culture time. NO formalin or freezing.

Parental samples:

- Prenatal Microarray: 5 mL blood in EDTA and 5 mL blood in NaHep OR one saliva kit for each parent.
- Exome sequencing: 5 mL blood in EDTA OR one saliva kit for each parent.
- ***Targeted variant testing by Sanger sequencing or aCGH: Positive control samples are required for each variant. If both parents are carriers for the same variant, positive controls from each parent are still required. 5 mL blood in EDTA OR one saliva kit for each positive control.
- Please note: We require confirmation of parental carrier status before testing the prenatal sample. If this is not possible, please call the laboratory to discuss acceptable alternatives.

**Backup cultures:

- Prenatal Microarray orders: A backup culture will be held on an incubator for 5 business days after testing is complete. A backup culture will be frozen and stored for at least 1 year (2 years for patients with abnormal microarray results)
- Special study orders: A backup culture will be held on an incubator for 5 business days after testing is complete. A backup culture will be frozen and stored for at least 1 year.
- Chromosome orders: A backup culture will be held on an incubator for 7 days after testing is complete.

For questions about genetic testing specimen requirements, please call (513) 636-4474

Infectious Disease Testing:

At least 1 mL amniotic or body fluid in a sterile container, 1 mL of fetal blood in lavender top EDTA tube, or 0.3g fresh tissue in a sterile container.

For questions about infectious disease specimen requirements, please call (513) 636-9820

SHIPPING INFORMATION

Local courier is available; please call 513-636-4474 for information.

Shipping for samples that arrive Monday-Friday:

Cincinnati Children's Genetics and Genomics Diagnostic Laboratory 3333 Burnet Ave. TCHRF 1042 Cincinnati, OH 45229-3039 Shipping for samples that arrive on Saturday (Please call laboratory to inform):

Cincinnati Children's

Genetics and Genomics Diagnostics Laboratory

3333 Burnet Ave. TCHRF 1042

DOCK F

DOCK 5

Cincinnati, OH 45229-3039

Be sure to mark the **Saturday** check box on the airbill