



# Cytogenetics Request Form

106 Gregor Mendel Circle • Greenwood, SC 29646

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Website: www.ggc.org **Highlighted boxes are required**

LAB USE ONLY

## Patient Information (Please Print):

Last Name		First	MI	Address		
Race	<input type="checkbox"/> B <input type="checkbox"/> W <input type="checkbox"/> Other:	Sex	<input type="checkbox"/> M <input type="checkbox"/> F	DOB	City, State, Zip	
Specimen Collection Date	Type of specimen	ICD9 Code	Medical record #	Home telephone		SS #
Clinical indication/Relevant meds				LMP (if applicable)	EDC (if applicable)	Gestational Age (if applicable)

## Referring Physician:

Name		Address	
Institution		City, State, Zip	
NPI#	Telephone	Fax	

## Genetic Counselor / Additional report to:

Name		Address	
Telephone	Fax	City, State, Zip	

**Billing:** For in-state insurance billing, include copy of card and insured's name, DOB, and relationship to patient.

**We DO NOT bill out-of-state patients or insurance companies. We accept institutional billing or check/Visa/MasterCard.**

Institution/Organization		Telephone	Fax
Address		City, State, Zip	
MasterCard #	Visa # (circle one)	Exp. Date	Signature
		Auth/Precert #	

**Attach clinical information and/or family history with a brief pedigree using an arrow to indicate the proband.**

**Maternal Cell Contamination analysis is required for prenatal studies on CVS samples.**

### CHROMOSOME STUDIES ••

- High resolution chromosomes
- High resolution chromosomes, rule out mosaic
- Routine blood chromosome
- Routine blood chromosome, rule out mosaic
- Solid tissue chromosomes

### AMNIOTIC FLUID STUDIES ••

- Chromosomes  AFP  AChE
- Trisomy Screen – FISH (13,18,21,X,Y)

### CHORIONIC VILLUS SAMPLING (CVS) \*

- Chromosomes
- Trisomy Screen – FISH (13,18,21,X,Y)
- Maternal Cell Contamination ►

### FISH FOR CONGENITAL ABERRATIONS ••

- Androgen Receptor (Xq12)
- Angelman syndrome (15q11q13)
- Autism (dup 15q12)
- Chromosome enumeration probes (all chromosomes available: Specify: \_\_\_\_\_)
- Chromosome paints (all chromosomes available): Specify: \_\_\_\_\_
- Cri du chat syndrome (5p-)
- DiGeorge/VCF syndrome (22q11)
- Kallman syndrome (Xp22.3)
- Miller-Dieker syndrome (17p13)
- Phelan McDermid syndrome (22q13.3)
- Prader-Willi syndrome (15q11q13)
- Smith-Magenis syndrome (17p11.2)
- SRY/Xcen (Yp11.3)
- Steroid sulfatase (Xp22.3)
- Subtelomere rearrangement analysis
- Trisomy screen (13,18,21,X,Y)
- Williams syndrome/elastin and LIMK1 (7q11.23)
- Wolf-Hirschhorn syndrome (4p-)
- XY dual assay

### ARRAY Comparative Genomic Hybridization ►••

- Whole Genome Array CGH
- X Chromosome Array CGH
- 22q13 Custom Array CGH

### HEMATOLOGICAL DISEASE STUDIES ••

- Bone marrow chromosome
- Bone marrow and stim/unstim blood
- Lymph Node
- Stimulated/Unstimulated blood
- Specify WBC count: \_\_\_\_\_

### FISH HEMATOLOGY DISORDER PANELS ••

#### Panel Studies on Interphase Nuclei

- Acute Lymphocytic Leukemia
- Acute Myelocytic Leukemia
- Burkitt's Lymphoma
- Chronic Lymphocytic Leukemia
- Chronic Myelocytic Leukemia
- Chronic Myelomonocytic Leukemia
- Multiple Myeloma
- Myelodysplastic States
- Non-Hodgkins Lymphoma
- Pediatric ALL

#### Translocation Probes

- FGFR3/IgH t(4;14)
- IgH/MYC/CEP 8 t(8;14)
- AML1/ETO t(8;21)
- BCR/ABL t(9;22)
- API2/MALT1 t(11;18)
- IgH/CCND1 t(11;14)
- TEL(ETV6)/AML1 t(12;21)
- IgH/MAF t(14;16)
- PML/RARA t(15;17)
- IgH/MALT1 t(14;18)

### Individual Probes

- #### Interphase and/or metaphase
- N-MYC (2p24.1)
  - ALK (2p23)
  - BCL6 (3q27)
  - CSF1R (5q33-q34)
  - EGR-I (5q31)
  - MYB (6q23)
  - EGFR (7p12)
  - D7S486 (7q31)
  - C-MYC (8q24)
  - p16 (9p21)
  - 9q34
  - PTEN (10q23)
  - Cyclin D1/CCND1 (11q13)
  - ATM (11q22.3)
  - MLL (11q3)
  - ETV6/TEL (12p13)
  - Retinoblastoma (RB1)
  - D13S319 (13q14)
  - IgH (14q32)
  - CBFB (inv16)
  - p53 (17p13.1)
  - TOP2A (17q21)
  - SYT (18q11.2)
  - MALT1 (18q21)
  - BCL2 (18q21)
  - D20S108 (20q12)
  - 20q13
  - EWSR1 (22q12)

- Requires purple top tube
- Requires sodium heparin tube
- \* Room temperature/24 hour delivery