

<b>Patient Name:</b>	Institution:
Date of birth: _____ Sex: _____	
Client medical record number:	
Referring physician(s):	Bill to: <input type="checkbox"/> Account <input type="checkbox"/> Patient (Please attach billing information.)
Collection date/time:	

**DIAGNOSIS:**

**Bone marrow chromosomes**  
 Process and hold
  **Malignant tissue chromosomes** (source: \_\_\_\_\_)  
 Process and hold

**Hematologic blood chromosomes**  
 Process and hold

**FISH specimen:**  bone marrow,  blood,  block (source : \_\_\_\_\_)  
 smear/touch prep (source : \_\_\_\_\_) ,  other (source : \_\_\_\_\_)

**Lymphoid disorders:**

- o **ALL panel:** t(9;22), 11q23.3, t(12;21)
- o t(9;22) BCR/ABL1
- o 11q23.3 KMT2A (MLL)
- o t(12;21) ETV6/RUNX1

**Small B-cell leukemia/lymphomas:**

- o **CLL Panel:** 11q, 12cen, 13q, 17p
- o **CLL & CCND1 panel:** 11q, 12cen, 13q, 17p, t(11;14)
- o **CLL limited panel:** 11q, 17p
- o **Mantle cell:** t(11;14) CCND1/IGH
- o **Marginal zone lymphoma MALT Panel:** 3q (BCL6), 7q, 18q(MALT1), t(11;18) BIRC3/MALT1, t(14;18) IGH/MALT1
- o **Nodal marginal zone lymphoma panel:** 3q (BCL6), 7q, 18q(MALT1)
- o **Splenic marginal zone lymphoma panel:** 3q (BCL6), 7q

**Follicular/Large B-cell/High-grade lymphomas:**

- o **Dual hit lymphoma panel:** BCL6, MYC, IGH/BCL2
- o **Dual hit lymphoma cascade panel:** do MYC first and if abnormal, reflex BCL6 and IGH/BCL2
- o 3q27 BCL6 DLBCL
- o 6p25.3 IRF4 LBCL
- o 8q24.21 MYC Burkitt
- o t(8;14) MYC/IGH Burkitt
- o 11q abnormality (MGR,MLR) Burkitt-like
- o t(14;18) IGH/BCL2 Follicular

- o **Myeloma Panel:** 1p, t(4;14), t(11;14), 13q, t(14;16), t(14;20), 17p
- o **Myeloma limited panel:** t(4;14), t(14;16), 17p

**T-cell lymphomas:**

- o 2p23 ALK Anaplastic Large Cell
- o TRA (14q11.2)
- o TCL1A, TCL1B (14q32.1)

**Myeloid Disorders:**

- o CML: t(9;22) ABL1/BCR

- o **MDS Panel:** 5q, 7q, +8, 20q
- o 5q, -5
- o 7q, -7
- o +8
- o 20q
- o 17p (TP53)

- o **Eosinophilia panel:** 4q, 5q, 8p, 9p
- o 4q FIP1L1, PDGFRA
- o 5q PDGFRB
- o 8p FGFR1
- o 9p JAK2

- o **AML panel:** inv(3), t(8;21), 11q, t(15;17), inv(16)
- o inv(3), t(3;3) MECOM
- o t(8;21) RUNX1T1/RUNX1
- o 11q23.3 KMT2A (MLL)
- o t(15;17) PML/RARA
- o inv(16) MYH11,CBFB

**Solid tumors**

- o t(11;22) EWSR1 Ewing Sarcoma
- o 1, 19 deletions Oligodendroglioma
- o t(X;18) SYT Synovial Sarcoma

**Breast cancer (paraffin embedded)**

- o ERBB2 (HER2) FISH
- o Specimen origin: \_\_\_\_\_
- o Block Number: \_\_\_\_\_
- o Histologic type: \_\_\_\_\_
- o Cold ischemia time: \_\_\_\_\_
- o Time in formalin: \_\_\_\_\_

- o **FISH for partial molar pregnancy (13, 18, 21, X, Y)**

