

# Hayward Genetics Center Cancer Requisition Form

Deliver specimens to: 1430 Tulane Ave.  
Room 5301, New Orleans, LA 70112  
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REPORTS TO:

\_\_\_\_\_  
\_\_\_\_\_  
FAX TO: \_\_\_\_\_  
PHONE# \_\_\_\_\_  
BILLING ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

PATIENT LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_  
DATE OF BIRTH \_\_\_\_\_  MALE PATIENT HOSP/CLINIC# \_\_\_\_\_  
 FEMALE \_\_\_\_\_  
DATE COLLECTED \_\_\_\_\_ PHYSICIAN \_\_\_\_\_

DIAGNOSIS / CLINICAL INFORMATION / INDICATION FOR STUDY

HAS THIS PATIENT BEEN STUDIED PREVIOUSLY?  No  
 Diagnostic  Follow-up  Relapse

TRANSPLANT?

Yes  No  Sex Mismatch

## SPECIMEN TYPE

- Bone marrow (WBC \_\_\_\_\_)  
 Leukemic blood (WBC \_\_\_\_\_)  
 Lymph node  
 Solid tumor or tissue (fresh)  
 Paraffin-embedded tissue  
Fixation time \_\_\_\_\_  
Source of tissue \_\_\_\_\_  
 Other \_\_\_\_\_  
SPECIMEN ACCESSION # \_\_\_\_\_  
BLOCK # (IF APPLICABLE) \_\_\_\_\_  
DATE COLLECTED \_\_\_\_\_

## Chromosome Karyotype

YES  NO

## Individual FISH Probes

- ALK (2p23)  PDGFRA (4q12)  
 13q14 (13q14.3)  PDGFRB (5q32)  
 C-MYC (8q24)  FGFR1 (8p11.2)  
 EWSR1 (22q12)  
 N-MYC (2p23-p24)  
 MALT1 (18q21)  
 SYT (18q11.2)

## DNA-based Studies/ Molecular Genetics

- FLT3 (ITD/TKD) mutations  NPM1 mutation  
 JAK2 V617F mutation\*  
*(\*if negative, reflex to the below NGS panel)*  
 Myeloid Neoplasm Sequencing Panel (NGS)

**Including:** ABL1 ASXL1 ATM ATRX BCOR BCORL1 BRAF CALR CBL  
CBLB CDKN2A CEBPA CSF3R DAXX DNMT3A EED EGFR ETV6 EZH2  
FBXW7 FLT3 GATA1 GNAS HRAS IDH1 IDH2 IKZF1 JAK1 JAK2 JAK3  
KAT6A KIT KMT2A KRAS MPL NF1 NOTCH1 NPM1 NRAS PDGFRA  
PHF6 PRPF40B PTEN PTPN11 RAD21 RB1 RUNX1 SETBP1 SF1 SF3A1  
SF3B1 SH2B3 SMARCB1 SMC1A SMC3 SRSF2 STAG2 SUZ12 TET2 TP53  
U2AF1 U2AF2 WT1 ZRSR2 (FLT3 ITD is not covered by this NGS panel.)

**FOR PREVIOUS/APPLICABLE ABNORMALITIES**

### Myelodysplastic Syndromes (MDS)

- 5/5q-, -7/7q-, +8, KMT2A, 20q-

### Myeloproliferative Neoplasms (MPN)

- all MDS probes with +9 and +21

### Acute Myeloid Leukemia (AML)

- RUNX1T1/RUNX1 t(8;21)  
 PML/RARA t(15;17)  
 CBFB inv(16)

### Chronic Myelogenous Leukemia (CML)

- BCR/ABL1 t(9;22)

### Acute Lymphocytic Leukemia (ALL) Panel (Adult)

- CDKN2A, t(9;22), MLL, t(12;21), IGH

### B-cell Lymphoma

- Double-hit lymphoma – MYC, BCL2, BCL6  
 Burkitt lymphoma – MYC/IGH, MYC  
 Follicular- IGH/BCL2, BCL2  
 Mantle cell lymphoma- CCND1, MYEOV/IGH – t(11;14)

### Chronic Lymphocytic Leukemia (CLL) Panel

- ATM, +12, 13q14, 11;14, TP53

### Multiple Myeloma (MM) Panel

- +9,+11, 13q14, IGH\*, TP53, MYC, +1p/1q  
(CD138+ Cell Enrichment if possible)  
 \*If IGH positive, reflex  
 t(4;14), t(14;16), t(11;14)

**XX / XY Sex Mismatch Transplant**

F  
I  
S  
H  
  
P  
A  
N  
E  
L