



FISH Tests

This is a representative listing of available test offerings. Interpace Pharma Solutions builds custom solutions to meet client specifications.

Heme Malignancies

Acute Lymphocytic Leukemia (B-ALL)

11q23 (MLL-Break Apart)
9p21 (CDKN2A[p16])
t(9;22) (BCR/ABL/ASS)
t(12;21) (ETV6/RUNX1)
CEP 4, 10, 17
17p13 (TP53)

Acute Lymphocytic Leukemia (T-ALL)

14q11 (TCR-Alpha/Delta Break Apart)
t(1;19) PBX1-TCF3(E2A)
4q12/D10Z1/D17Z1

Acute Myeloid Leukemia (AML)

11q23 (MLL-Break Apart)
t(8;21) (ETO/AML1) [M2]
t(15;17) (PML/RARA) [M3]
Inv(16) (CBFB-Break Apart) [M4, Eos]

Anaplastic Large Cell Lymphoma

2q23 (ALK-Break Apart)

BM Transplant Monitoring

CEP X/Y

Chronic Lymphocytic Leukemia (CLL)

- 11q22.3 (ATM)/17p13 (TP53)
- CEP12/13q14 (D13S319)/13q34
- CEP6/6q23 (c-MYB)
- t(11;14) (CCND1/IGH)

Chronic Myelogenous Leukemia (CML)

t(9;22) (BCR/ABL/ASS)

CML in Blast Crisis

t(9;22) (BCR/ABL/ASS)
17p13 (TP53)
CEP8

Multiple Myeloma (MM)

1p (CDKN2C)/1q (CKS1B)
17p13 (TP53)
t(4;14) (FGFR3/IGH)
t(11;14) (CCND1/IGH)
t(14;16) (IGH/MAF)
13q14/13q34
D5S23/D5S71/CEP9/CEP15
IGH-Break Apart
t(14;20) (IGH/MAFB)
t(6;14) (CCND3/IGH)
CEP7/CEP11

MM CD138 - Plasma Cell Purification

1p/1q
17p13 (TP53)
IGH-Break Apart*
D5S23/D5S71/CEP9/CEP15**
13q14/13q34
* if positive reflex to: CCND1/IGH; FGFR3/IGH; IGH/MAF;
IGH/MAFB; CCND3/IGH
** if positive reflex to: CEP7/CEP11

Myelodysplastic Syndrome (MDS)

5q15.2/5q31
CEP7/7q31
CEP8
20q12
11q23 (MLL-Break Apart)

Myeloproliferative Neoplasms (MPN)

4q12 (FIP1L1/CHIC2/PDGFRB)
5q33 (PDGFRB-Break Apart)
BCR/ABL (BCR/ABL/ASS)
FGFR1-Break Apart

(Heme Malignancies continued on next page)

• Denotes an FDA-cleared or FDA-approved test. These *in vitro* diagnostic test kits are provided by a third-party manufacturer. Additional details and indications for use can be provided upon request.





Heme Malignancies (continued)

Non-Hodgkin's Lymphoma (NHL)

t(8;14) (MYC/IGH)
3q27 (BCL6-Break Apart)
t(14;18) (IGH/BCL2)
t(11;14) (CCND1/IGH)
MALT1-Break Apart
IGH-Break Apart
cMYC-Break Apart
BCL2-Break Apart

Solid Tumor

Bladder Cancer

• UroVysion®

Brain Cancer

1p/19q deletion
PTEN

Breast Cancer

• PathVysion® (HER2/neu)
EGFR

Gastric Cancer

HER2 Amplification

Lung Cancer

• ALK-Break Apart
MET
RET
ROS1
EGFR

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