



Test Menu by Category

ONCOLOGY

Cancer Cytogenetics

Chromosome Analysis

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- Solid Tumor [CYTO ST]
- Unstimulated Peripheral Blood [CYTO UPB]

Circulating Tumor Cell Detection

CellSearch for Metastatic Breast Cancer [CELLSEARCH]

CellSearch for Metastatic Colon Cancer [CELLSEARCH]

CellSearch for Metastatic Prostate Cancer [CELLSEARCH]

Companion Diagnostics

ABL Kinase Gene Mutation Analysis and Gleevec® Resistance [ABL G]

BRAF Mutation Analysis[BRAF]

HER2/neu PathVysion® by FISH [F HER2]

KRAS Mutation, EGFR Inhibitor Response [KRAS]

Flow Cytometry

Cell Cycle Analysis; DNA Ploidy and S Phase [PLOIDY]

Flow Cytometry Leukemia / Non-Hodgkin Lymphoma [FLOW]

Paroxysmal Nocturnal Hemoglobinuria (CD55, CD59, FLAER) [FLOW PNH]

ZAP-70 [FLOW ZAP70]

Fluorescence *in situ* Hybridization (FISH)

FISH Profiles

Acute Lymphoblastic Leukemia (ALL) Adult Profile by FISH [F AALL]
BCR/ABL 9q34 t(9;22), MLL 11q23, TEL/AML1 t(12;21)

Acute Lymphoblastic Leukemia (ALL) Pediatric Profile by FISH [F PALL]
BCR/ABL 9q34 t(9;22), MLL 11q23, TEL/AML1 t(12;21),
trisomy 4, trisomy 10, trisomy 17

Chronic Lymphocytic Leukemia (CLL) Profile by FISH [F CLL]
p53 del(17)(p13.1), ATM del(11)(q22.3), del(13)(q14.3), +12,
MYB del(6q)(q23)

Myelodysplastic syndrome Profile by FISH [F MDS]
EGR1 -5/5q-, CEP 7 -7/7q31-, +8, del(20) (q12)

Myeloma Profile by FISH [F MM]
+5/+9/+15, del(13)(q14.3), p53 del(17)(p13.1), IGH 14q32

Myeloproliferative Profile by FISH [F MPD]
BCR/ABL 9q34 t(9;22), +8, del(13)(q14.3), del(20)(q12)

FISH Probes (A-Z)

ALK 2p23 Anaplastic Large Cell Lymphoma by FISH [F ALK]

AML1/ETO t(8;21) by FISH [F AML ETO]

API2 / MALT1 t(11;18) by FISH [F API MALT]

ATM deletion 11q22.3 by FISH [F ATM]

BCL1 IGH/CCND1 t(11;14) by FISH [F BCL1]

BCL2 IGH/BCL2 t(14;18) by FISH [F BCL2]

BCL6 3q27 Rearrangement by FISH [F BCL6]

BCR/ABL +9q34, t(9;22) by FISH [F BCR ABL]

C MYC 8q24 Rearrangement by FISH [F CMYC]

CBFB t(16;16), inv(16) by FISH [F CBFB]

CEP7 -7/7q31- by FISH [F CEP7]

deletion 13q14.3 by FISH [F D1314]

deletion 20q12 by FISH [F D20]

EGR1 -5/5q- by FISH [F EGFR]

EGFR 7p12 by FISH [F EGFR]

EWSR1 22q12 Rearrangement Ewing Sarcoma by FISH [F EWSR1]

FIP1L1/PDGFR4 4q12 Rearrangement by FISH [F 4Q12]

HER2/neu PathVysion® by FISH [F HER2]

IGH 14q32 Rearrangement by FISH [F IGH]

IGH/FGFR3 t(4;14) by FISH [F FGFR3]

IGH/MAF t(14;16) by FISH [F IGH MAF]

IGH/MALT1 t(14 ;18) by FISH [F IGH MALT]

IGH/MYC, CEP 8, t(8; 14) by FISH [F IGH MYC]

MALT1 18q21 by FISH [F MALT]

MLL 11q23 by FISH [F MLL]

MYB deletion 6 by FISH [F MYBD6]

N-MYC 2p24.1 by FISH [F N MYC]

Oligodendroglioma 1p36-/19q13- Glioma by FISH [F GLI]

p53 deletion 17p13 by FISH [F P53]

PML/RARA t(15,17) by FISH [F PML RARA]

PTEN/CEP10 deletion 10q23 by FISH [F PTEN]

SYT 18q11.2 Synovial Sarcoma by FISH [F SYT]

TEL/AML1 t(12;21) by FISH [F TEL AML1]

trisomy 3 by FISH [F T3]



trisomy 4 by FISH [F T4]
trisomy 5, 9 and 15 by FISH [F T5T9T15]
trisomy 8 by FISH [F T8]
trisomy 10 by FISH [F T10]
trisomy 12 by FISH [F T12]
UroVysion (R) +3/+7/+17/deletion 9p21 by FISH [F URO]

Immunoassays

Cancer Antigen 15-3 [CA15-3]
Cancer Antigen 19-9 [CA19-9]
Cancer Antigen 125 [CA125]
Cancer Antigen 27-29 [CA2729]
Carcinoembryonic Antigen [CEA]
Kappa/Lambda Quantitative Free Light Chains with Ratio [KLC]

Immunohistochemistry (IHC)

Refer to A-Z Listing of IHC Markers

In situ Hybridization (ISH)

Kappa [I KAP ISH]
Lambda [LAM ISH]
Epstein Barr Virus [I EBER ISH]

Molecular Oncology

ABL Kinase Gene Mutation Analysis and Gleevec® Resistance [ABL G]
AML Mutation Analysis by PCR [P AML]
B-Cell Immunoglobulin Heavy Chain Gene Rearrangement by PCR [P BCELL]
B-Cell Immunoglobulin Kappa Light Chain Gene Rearrangement by PCR [P IGK]
BCL2 t(14;18) Gene Rearrangement by PCR [P BCL2]
BCR/ABL Quantitative PCR Disease Monitoring [P BCR ABLm]
BCR/ABL Quantitative PCR Initial Diagnostic Workup [P BCR ABL]
BRAF Mutation Analysis [BRAF]
CEBPA Mutation Analysis [CEBPA]
FLT3 Mutation Analysis [FLT3]
Human Papillomavirus Genotyping [HPV G]
JAK2 V617F Mutation Analysis by PCR [P JAK2]
KRAS Mutation, EGFR Inhibitor Response [KRAS]
NPM1 Mutation Analysis [NPM1]

PML/RARA Quantitative PCR Disease Monitoring [P PML RARAM]
PML/RARA Quantitative PCR Initial Diagnostic Workup [P PML RARA]
T-Cell Receptor Gamma Gene Rearrangement by PCR [P TCR]
UGT1A1 Genotyping [UGT1A1]

Pathology

Bone Marrow Pathology Consultation [BMP P]
Bone Marrow Pathology Evaluation [BMPE]
Surgical Pathology Consultation [SPC]
Surgical Pathology Professional [SPP]

Pharmacogenetics

UGT1A1 Genotyping [UGT1A1]

MEDICAL GENETICS

Constitutional Cytogenetics

Constitutional Cytogenetics
Chromosome Analysis Amniotic Fluid [CYTO PN]
Chromosome Analysis Constitutional Tissues [CYTO TC]
Chromosome Analysis Peripheral Blood [CYTO PB]

Constitutional FISH

AneuVysion®: +13/+18/+21 / X / Y by FISH [F ANEU]
Angelman Syndrome by FISH [F AS]
Cri-du-Chat Syndrome by FISH [F CAT]
DiGeorge/Velo-Cardio-Facial Syndrome by FISH [F VCF]
Kallmann Syndrome by FISH [F KAL]
Miller-Dieker Syndrome / Lissencephaly by FISH [F LIS]
Phelan-McDermid Syndrome by FISH [F PMS]
Prader-Willi Syndrome by FISH [F PWS]
Smith-Magenis Syndrome by FISH [F SMS]
SRY/CEP X by FISH [F SRY]
Steroid Sulfatase Deficiency by FISH [F STS]
ToTelVysion(R): Subtelomeres by FISH [F SUB]
Trisomy 21 by FISH [F T21]
Williams Syndrome by FISH [F WIL]
Wolf-Hirschhorn Syndrome by FISH [F WH]



Molecular Genetics

Cystic Fibrosis (amniotic fluid) 32 Mutation Analysis Prenatal [CF AF]

Cystic Fibrosis 32 Mutation Analysis Panel [CF]

Cystic Fibrosis Intron 8 5T/7T/9T Mutation Analysis [CF 5T]

Factor II Prothrombin G20210A [F2PRO]

Factor V Leiden R506Q [FVLEI]

Human Identity [Human ID]

Methylenetetrahydrofolate Reductase C677T [MTHFR 677]

Methylenetetrahydrofolate Reductase C677T and A1298C [MTHFR]

Plasminogen Activator Inhibitor [PAI]

Pharmacogenetics

Warfarin Sensitivity Testing [WARF]

INFECTIOUS DISEASE

Chlamydia Trachomatis, Qualitative by Aptima COMBO® 2 TMA [CT]

Hepatitis C Virus Genotyping [HCV G]

Hepatitis C Virus RNA Quantitative [HCV Q]

Herpes Simplex Virus Type 1 and 2 Qualitative [HSV1, HSV2]

Human Immunodeficiency Virus Quantitative [HIV Q]

Human Papillomavirus Genotyping [HPV G]

Human Papillomavirus High Risk [HPV HR]

Infectious Disease Markers by IHC

Neisseria Gonorrhoeae Qualitative by Aptima COMBO® 2 TMA [NG]

OTHER TESTS

Bronchoalveolar Lavage (CD3, CD4, CD8, CD16, CD45, CD4:CD8 ratio) [FLOW BAL]

Leukocyte Adhesion Deficiency (CD11a, CD11b, CD11c, CD18) [FLOW LAD]

Leukoreduced WBC Count [FLOW LKRD]

Lymphocyte Analysis (T-cell subsets, CD19, CD56) [FLOW EX]

Paroxysmal Nocturnal Hemoglobinuria (CD55, CD59, FLAER) [FLOW PNH]

T-cell Subsets (CD3, CD4, CD8, CD4:CD8 ratio) [FLOW CD4]