EmeritusDX | Test Menu

Together, We Save Lives

Anatomic Pathology

Breast Pathology
Cytopathology
Dermatopathology
Epidermal Nerve Fiber Density (ENFD) Skin Biopsy
Gastrointestinal Pathology
Genitourinary / Uropathology
Hematopathology
Podiatric Pathology
Surgical Pathology
Women's Health / Gynecologic Pathology

Fluorescence In Situ Hybridization (FISH) Typical TAT: 5 Days

Acute Lymphocytic Leukemia (ALL) Panel
(BCR/ABL1 t(9;22), MLL (11q23),
ETV6(TEL)/RUNX1(AML1) t(12;21))
Acute Myeloid Leukemia (AML) Panel
(RUNX1T1/RUNX1 t(8;21), PML/RARA
t(15;17), inv(16) (CBFB), 11q23 (MLL))
Chronic Lymphocytic Leukemia (CLL) Panel
(11q22.3 ATM, 13q14.3/D13S25, 17p13.1
P53, CEP12, t(11;14) CCND1/IGH, 6q23.3 MYB)
Chronic Myeloid Leukemia (CML)
(BCR/ABL1/ASS1 t(9;22))
Multiple Myeloma Panel
(D5S23, CEP9, CEP15, CEP11, TP53, 13q14.3/D13S25, IGH)
Multiple Myeloma Reflex Panel
(CCND1 (BCL1)/IGH, FGFR3/IGH, IGH/MAF)
Myelodysplastic Syndrome (MDS) Panel
(EGR1, 7q31/del7q, CEP8, 20q12, MLL)
Non-Hodgkin Lymphoma (NHL) Panel
(ALK, IGH, BCL6, MYC, CCND1/IGH,
IGH/BCL2, BIRC3/MALT1, IGH/MALT1)
BCR-ABL 1

Flow Cytometry Typical TAT: 1 Day

Acute B-Lymphoblastic Leukemia (B-ALL)
CD10, CD19, CD20, CD34, CD45, CD79a, TdT, cCD22
Acute Erythroid / Megakaryoblastic Leukemia (M6/M7) Panel
CD34, CD41a, CD61, CD71, CD117, CD235a, HLA-DR, CD45
Acute Myeloid Leukemia (AML)
CD33, CD34, CD117, CD123, HLA-DR, cMPO, CD45
Acute T-Lymphoblastic Leukemia (T-ALL)
CD1a, CD5, CD7, CD10, CD34, CD45, TdT, cCD3
CD4/CD8 Ratio Panel (BAL / Tissue)
CD3, CD4, CD8
Chronic Lymphocytic Leukemia (CLL)
CD5, CD19, CD20, CD23, CD38, CD49d, CD200, CD45
Follicular Cell Lymphoma (FCL)
CD10, CD19, CD20, CD45, cKappa, Lambda, c-BCL2
Hairy Cell Leukemia
CD11c, CD20, CD25, CD103, CD45
Multiple Myeloma (MM)
CD38, CD138, CD56, CD117, CD19, CD20, CD45, cKappa, cLambda
T-Cell Clonality Panel
TRBC1, CD3, CD4, CD5, CD7, CD8, CD45
T-Cell Receptor (TCR) **αβ** / **γδ** Panel (LGL Evaluation)
TCR **αβ**, TCR **γδ**, CD2, CD3, CD4, CD5, CD7, CD8, CD56, CD57, CD45
Comprehensive Leukemia Lymphoma Panel
Kappa, Lambda, CD5, CD200, CD34, CD38, CD20, CD19, TCR**γδ**, CD4,
CD2, CD56, CD7, CD8, CD3, CD45, CD16, CD10, CD64, CD14, HLA
DR, CD11b, CD15, CD123, CD117, CD13, CD33, and CD38
B&T Panel (tissue, fluid, CSF)
Kappa, Lambda, CD5, CD10, CD200, CD34, CD38, CD20, CD19,
TCR**γδ**, CD4, CD2, CD56, CD7, CD8, CD3, CD45
10-Color Flow Cytometry
13-Color Flow Cytometry

Immunohistochemistry (IHC) Typical TAT: (Technical) 2 Days (Global) 3 Days

Cytokeratins / Epithelial
AE1/AE3, CAM5.2, CK5/6, CK7, CK19, CK20, CK HMW (CK903/34BE12), Ber-EP4, Epithelial Membrane Antigen (EMA), E-Cadherin
Lymphoid / Hematopathology
CD1a, CD2, CD3, CD4, CD5, CD7, CD8, CD10, CD19, CD20, CD21, CD22, CD23, CD25, CD30, CD31, CD34, CD35, CD38, CD43, CD44, CD45RO, CD56, CD57, CD61, CD68, CD79a, CD99, BCL-1 (Cyclin D1), BCL-2, BCL-6, c-MYC, MUM1, TdT, TIA-1, Granzyme-B, Ki-67
Immunoglobulins / Plasma Cell
Immunoglobulin A (IgA), Immunoglobulin D (IgD), Immunoglobulin G (IgG), Immunoglobulin M (IgM), Kappa, Lambda
Breast / Hormone Receptors
Estrogen Receptor (ER) – Quantitative, Progesterone Receptor (PR) – Quantitative, Androgen Receptor, HER2/neu, Mammaglobin, GATA3

Genitourinary / Prostate
Prostate Specific Antigen (PSA), Prostatic Specific Acid Phosphatase (PSAP), P504S, PIN4 (CK5/14/p63/P504S)
Gastrointestinal / Hepatic
CDX2, HepPar1, Glypican-3, MUC1, MUC2, MUC5AC, MUC6, Villin
Lung / Mesothelial
TTF-1, Napsin A, Calretinin, D2-40, WT-1, Thrombomodulin
Melanoma
S100, SOX10, SOX11, MART-1 / Melan-A, HMB-45, MITF, Tyrosinase
Soft Tissue / Muscle
Desmin, Myogenin, MyoD1, Smooth Muscle Actin (SMA), Caldesmon, Calponin
Neuroendocrine
Chromogranin A, Synaptophysin, Neuron-Specific Enolase (NSE)
Predictive / Molecular
PD-L1 (22C3), PD-L1 (28-8), PD-L1 (SP142), EGFR, PTEN, p53
Infectious Disease
CMV, HSV I/II, Adenovirus, Varicella Zoster Virus (VZV), Toxoplasma gondii, Spirochetes, Helicobacter pylori
Tumor / Miscellaneous
AFP, CA-125, CA-19.9, Calcitonin, Galectin-3, ERG, PAX-5, PAX-8, Glycophorin-A, Inhibin Alpha
Amyloid / Protein Deposition Amyloid A, Amyloid P
Protease / Enzyme Markers
Alpha-1 Antitrypsin (AAT), Alpha-1 Antichymotrypsin

Molecular / PCR Testing Typical TAT: 7 Days

BRAF Mutation Analysis (V600E, V600K, V600D, V600R, V600M)
JAK2 Exon 12, 13 and 14 Mutation
JAK2 V617F
KRAS Mutation Analysis (G12D, G12V, G12c)
KRAS Mutation Analysis with Reflex to BRAF
BCR-ABL1 t(9;22) p210

Special Stains Typical TAT: 2 Days

AB/PAS
Alcian Blue 2.5
Congo Red
Copper
Elastic Stain
Feulgen
Fite
Reticulin
Fontana Giemsa
GMS
Gram +/-
Iron (Pearls) Masson' Trichrome
Mucin
PAS
PAS-D

Molecular Infectious Disease Typical TAT: 2 Days

STIDX™ Sexually Transmitted Infection Molecular Panel
GI Detect™ Gastrointestinal Pathogen Molecular Panel
RespiratoryDX™ Respiratory Infection Molecular Panel

Next Generation Sequencing (NGS) Typical TAT: 7 Days

Myeloid Neoplasm Panel
Comprehensive genomic profiling for myeloid malignancies including:

- Acute Myeloid Leukemia (AML)
- Myelodysplastic Syndromes (MDS)
- Myeloproliferative Neoplasms (MPN)

Hematologic Malignancy Comprehensive Panel
Solid Tumor Panel

Lymphoid Malignancy Panel
Targeted sequencing panel for evaluation of:

- Chronic Lymphocytic Leukemia (CLL)
- B-cell lymphomas
- T-cell lymphomas
- Other lymphoid neoplasms

Integrated Diagnostic Services

Synatra™ Integrated Diagnostic Evaluation
Flow, Cytogenetic, FISH, PCR, Histology/Cytology

Genes Included:
Full gene list available on the EmeritusDX NGS Panel Gene List document.

EmeritusDX performs a wide range of diagnostic testing within our CAP-accredited and CLIA-certified laboratory. Certain specialized assays may be referred to qualified reference laboratories to ensure access to the most advanced and clinically appropriate diagnostic services.

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