



Michigan Medicine Laboratories (MLabs)

N-LNC Specimen Processing
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MOLECULAR DIAGNOSTICS REQUISITION

Client information fields: Patient Reg or MRN, Patient Name (Last, First, MI), Birthdate, Gender (OM, OF), Ordering Doctor (Last, First, NPI#)

Patient Address fields: Patient Address, City, State, ZIP, Home Phone #; Policy Holders Name, Primary Insurance (Card Name), Primary Policy/Contract #, Primary Group #, Policy Holders DOB

Bill To: Client/Referring Institution or Patient/Insurance; Medicare status; Prior Authorization information

ICD-10 CODES

ICD-10 Codes are required for billing. When ordering tests for which reimbursement will be sought, order only tests that are medically necessary for the diagnosis and treatment of the patient.

REFERRING PHYSICIAN TO BE CONTACTED WITH RESULTS AND/OR QUESTIONS

Referring Physician, Referring Institution, Address, City, State, ZIP, Country, Phone, Fax

PATIENT HISTORY/DIAGNOSIS

Diagnosis, Collection Date, Time, Footnote: Case/Accn #

MATERIALS SENT EXTRACTED DNA (PLEASE INDICATE SOURCE):

Material selection checkboxes: Bone Marrow Asp., Peripheral Blood, Na Heparin(G) green, EDTA(L) lavender, Fresh Tissue, Fluid, Other source/body site, Paraffin Block #, Unstained Slides (not baked) #, H & E Slides #

The tests below may include microdissection and/or reflex testing at a separate additional charge. All tests include pathologist interpretation at a separate additional charge.

ACUTE MYELOID LEUKEMIA

- Myeloid NGS Panel
NPM1 Mutation
FLT3 Mutation
CEBPA Mutation
IDH1 and IDH2 Mutations
KIT D816V Mutation
KIT Mutation for AML - Exons 8, 17
PML/RARA t(15;17) Translocation (PCR) Quantitative
TP53 Mutation in Malignancy

MYELOID NEOPLASMS

- Myeloid NGS Panel
JAK2 V617F Mutation
JAK2 Exon 12 Mutation
CALR Mutation
MPL Mutation
KIT D816V Mutation
BCR/ABL1 Analysis, Quantitative
BCR/ABL1 Kinase Domain Mutation
TP53 Mutation in Malignancy

LYMPHOMA

- B Cell Clonality (IGH & IGK Gene Rearrangement)
B Cell Clonality (IGK Gene Rearrangement)
B Cell Clonality (IGH Gene Rearrangement)
T Cell Clonality (TRG & TRB Gene Rearrangement)
T Cell Clonality (TRG Gene Rearrangement)
T Cell Clonality (TRB Gene Rearrangement)
IGH/BCL2 t(14;18) Translocation (PCR)
IGH/BCL2 t(14;18) Translocation (FISH)
BCL6 (3q27) Rearrangement (FISH)
MYC (8q24) Rearrangement (FISH)
MALT1 (18q21) Rearrangement (FISH)
MYD88 (L265P) Mutation
BRAF V600E/V600K Mutations

COLORECTAL CANCER

- Colorectal Cancer NGS Panel (mutation, amplification, fusion)
KRAS Mutation
NRAS Mutation
Microsatellite Instability Analysis
BRAF V600E
MLH1 Promoter Methylation
BRAF V600E/V600K Mutations

- MLH1 Promoter Methylation
Germline MLH1 Promoter Methylation
UGT1A1 Promoter Genotyping
HER2 (FISH) Send with corresponding IHC slide and report

GASTROINTESTINAL STROMAL TUMOR

- KIT Mutation - Exons 9,11,13,17
HER2 (FISH) Send with corresponding IHC slide and report
PDGFRA Mutation for GIST

GENITOURINARY TUMOR

- Solid Tumor NGS Panel
ERG Rearrangement (FISH) (Cytogenetics lab)
TFE3 (Xp11.2) Rearrangement (FISH) for Renal Cell CA & Other Tumors (Cytogenetics lab)
TFEB (6p21) Rearrangement (FISH) for Renal Cell Carcinoma (Cytogenetics lab)
BRAF (7q34) Rearrangement (FISH)
TERT Promoter Mutation
FGFR Translocation/Mutation
UroVysion™ (FISH) (Bladder Cancer)

GLIOMA

- Solid Tumor NGS Panel
IDH1 and IDH2 Mutations
1p/19q Deletion (FISH)
BRAF (7q34) Rearrangement (FISH)
BRAF V600E/V600K Mutations
MGMT Promoter Methylation
TERT Promoter Mutation

LUNG CANCER

- Lung Cancer NGS Panel (mutation, amplification, fusion) with PD-L1 Immunohistochemistry (22C3 Lung)
EGFR Mutation (NGS)
BRAF V600E/V600K Mutations
KRAS Mutation
ALK Rearrangement for NSCLC (FISH)
ROS1 (6q22) Rearrangement (FISH)
RET (10q11) Rearrangement (FISH)
MET Amplification (FISH)
PD-L1 Immunohistochemistry (22C3 Lung)

MELANOMA

- Melanoma NGS Panel (mutation, amplification, fusion)
BRAF V600E/V600K Mutations
BRAF (7q34) Rearrangement (FISH)

- KIT Mutation for Melanoma - Exons 8, 9, 11, 13, 17
NRAS Mutation
TERT Promoter Mutation

SARCOMA

- SYT/SSX Translocation (PCR)
PAX/FOXO1 Translocation (PCR)
EWSR1/WT1 Translocation (PCR)
EWSR1/ATF1 Translocation (PCR)
EWSR1/FLI1 & EWSR1/ERG Translocation (PCR)
EWSR1 (22q12) Rearrangement (FISH)
MDM2 Amplification (FISH)
CIC (19q13) Rearrangement (FISH)
PDGFB (22q13) Rearrangement (FISH)
NR4A3 (9q22-9q31) Rearrangement by (FISH)
DDIT3 (12q13) Rearrangement by (FISH)

THYROID CANCER

- Solid Tumor NGS Panel
BRAF V600E/V600K Mutations
BRAF (7q34) Rearrangement (FISH)
RET Mutation
RET (10q11) Rearrangement (FISH)
TERT Promoter Mutation

BREAST CANCER

- Solid Tumor NGS Panel (mutation, amplification, fusion)
HER2 (FISH) Send with corresponding IHC slide and report
PIK3CA Mutation

GENETICS

- Germline MLH1 Promoter Methylation
Cystic Fibrosis Carrier Screening
Factor V Leiden Mutation
Prothrombin 20210 Mutation
UGT1A1 Promoter Genotyping
Hereditary Hemochromatosis Mutation

MISCELLANEOUS

- Solid Tumor NGS Panel
Biliary Tract Malignancy (FISH)
Mesothelioma (FISH)
Bone Marrow Transplant Engraftment Analysis
HER2 (FISH) Send with corresponding IHC slide and report
Microsatellite Instability Analysis
MLH1 Promoter Methylation

Specimen Type: L = EDTA S = 1 H&E + 8 Unstained Slides T = Tissue U = Urine (UroCyte Collection Kit) B = Brushing

Copy Distribution: White - MLabs Yellow - Client

Revised: 02-05-2021 E-REFR