



Pathology and Laboratory Medicine
 Clinic Building, K6, Core Lab, E-655
 2799 W. Grand Blvd.
 Detroit, MI 48202
 855.916.4DNA (4362)

CENTER FOR
 PRECISION DIAGNOSTICS

MOLECULAR SOLID TUMOR REQUISITION

Required Patient Information

Name: _____ Gender: M F

MRN: _____ DOB: MM / DD / YYYY

ICD10 Code(s): _____ / _____ / _____

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

Ordering Physician Information

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

NPI: _____

Billing & Collection Information

Patient Demographic/Billing/Insurance Form is required to be submitted with this form. Most genetic testing requires insurance prior authorization. Due to high insurance deductibles and member policy benefits, patients may elect to self-pay. Call for more information (855.916.4362)

Bill Client or Institution Client Name: _____ Client Code/Number: _____

Bill Insurance Prior authorization or reference number: _____

Patient Self-Pay Call for pricing and payment options Toll Free: 855.916.4362

Patient status at time of collection: Inpatient Outpatient Collection date: _____ Collection time: _____

Providers are responsible to obtain informed consent, as required by Michigan law, for predictive or pre-symptomatic genetic tests. Informed Consent for Genetic Testing form is available on our website.

Specimen/Source

DNA (>20 ug): Tissue source (Transport FROZEN): _____ FFPE Tissue – Outside institutions-: Send copy of Pathology report, 1 H&E stained slide and 5-10 unstained slides
 --EXTRACTED DNA ONLY ACCEPTED FROM CLIA CERTIFIED LABORATORIES Pathology Case Number: _____

Solid Tumor Testing

All tests include pathologist interpretation at a separate, additional charge.

Brain

- EGFRvIII (81403)
- Glioma Solid Tumor Panel (81445)
BRAF, CDKN2A, EGFR, H3F3A, HIST1H3B, HRAS, IDH1, IDH2, KRAS, MET, NRAS, PIK3CA, PTEN, TERT, TP53
- IDH1 (81120)
- IDH2 (81121)
- MET (81479)
- MGMT Methylation (81287)
- 1p19q LOH (81402)

Breast

- Breast Cancer Solid Tumor Panel (81162, 81309)
BRCA1, BRCA2, PIK3CA

Colorectal and Endometrial

- Colorectal Solid Tumor Panel (81210, 81275, 81276, 81311) *BRAF, KRAS, NRAS*
- BRAF (81210)
- KRAS (81275, 81276)
- NRAS (81311)
- Microsatellite Instability +IHC (81301, 88341x3, 88342)
 reflex: MLH1 Methylation (81288)

Comprehensive Gene Testing

- Comprehensive Solid Tumor 170 Gene Panel (81455) *Complete gene list on reverse side*
- Solid Tumor Gene Sequencing, Custom Panel: 5-50 genes (81445) Select individual genes on the right
- Solid Tumor Individual Gene Sequencing: 1-4 genes (CPT varies based on genes chosen) Select individual genes on the right

Fusion Panels (see website for gene list)

- Sarcoma Gene Fusion Panel: 26 genes (81445)
- Solid Tumor Gene Fusion Panel: 51+ genes (81455)

Gastrointestinal

- Gastrointestinal Solid Tumor Panel: 2 genes
 KIT (81272)
 PDGFRA (81314)

Lung

- Lung Cancer Solid Tumor Panel (81445)
BRAF, ERBB2, EGFR, KRAS, MET, NRAS
 reflex: *ALK, ROS1* (FISH) (add 88377x2)
- Lung Fusion Panel (81445)
ALK, ROS1, RET, MET, NTRK1, NTRK2, NTRK3
- IHC for PD-L1 Clone 22C3 (88360)
- IHC for PD-L1 Clone 28-8 (88360)
- IHC for PD-L1 Clone: _____ (88360)
- MET (81479)
- Solid Tumor EGFR-TKI (Lung) Mutation (81235)

Lymphoma

- T Cell Rearrangement- Beta (81340)
- T Cell Rearrangement- Gamma (81342)
- B Cell Rearrangement (81261)

Melanoma

- Melanoma Solid Tumor Gene Panel (81445)
BRAF, NRAS, KIT, PDGFRA, GNA11, GNAQ
- KIT (81272)

Other Tissue Testing

- Gestational Disease Profile (81265)
- Tissue Identity (non-paternity) (81265)

Individual and Custom Gene Panel Testing (NGS)

- | | | | |
|---------------------------------|--|---------------------------------|---------------------------------|
| <input type="checkbox"/> AKT1 | <input type="checkbox"/> ALK | <input type="checkbox"/> ARID1A | <input type="checkbox"/> BRAF |
| <input type="checkbox"/> BRCA1 | <input type="checkbox"/> BRCA2 | <input type="checkbox"/> CDK4 | <input type="checkbox"/> CDKN2A |
| <input type="checkbox"/> CTNNB1 | <input type="checkbox"/> DDR2 | <input type="checkbox"/> DICER1 | <input type="checkbox"/> EGFR |
| <input type="checkbox"/> ERBB2 | <input type="checkbox"/> ERBB4 | <input type="checkbox"/> ESR1 | <input type="checkbox"/> FBXW7 |
| <input type="checkbox"/> FGFR1 | <input type="checkbox"/> FGFR2 | <input type="checkbox"/> FGFR3 | <input type="checkbox"/> FOXL2 |
| <input type="checkbox"/> GNA11 | <input type="checkbox"/> GNAQ | <input type="checkbox"/> GNAS | <input type="checkbox"/> H3F3A |
| <input type="checkbox"/> H3F3B | <input type="checkbox"/> HIST1H3B | <input type="checkbox"/> HRAS | <input type="checkbox"/> IDH1 |
| <input type="checkbox"/> IDH2 | <input type="checkbox"/> KIT | <input type="checkbox"/> KMT2A | <input type="checkbox"/> KMT2D |
| <input type="checkbox"/> KRAS | <input type="checkbox"/> MAP2K1 | <input type="checkbox"/> MAP2K2 | <input type="checkbox"/> MET |
| <input type="checkbox"/> MTOR | <input type="checkbox"/> MYOD1 | <input type="checkbox"/> NRAS | <input type="checkbox"/> PDGFRA |
| <input type="checkbox"/> PIK3CA | <input type="checkbox"/> POLE | <input type="checkbox"/> PTEN | <input type="checkbox"/> PTPN11 |
| <input type="checkbox"/> RAC1 | <input type="checkbox"/> RAF1 | <input type="checkbox"/> RET | <input type="checkbox"/> ROS1 |
| <input type="checkbox"/> SF3B1 | <input type="checkbox"/> SMAD4 | <input type="checkbox"/> TERT | <input type="checkbox"/> TGFBR2 |
| <input type="checkbox"/> TP53 | (see reverse for available testing on our 170 gene panel. Please add requested genes in the "Other Testing" section below) | | |

Other Testing

Send Additional Reports to:

Name: _____

Phone #: _____

Fax #: _____



Comprehensive Solid Tumor 170 Gene Panel

GENE LIST:

ABL1, AKT1, AKT2, AKT3, ALK, APC, AR, ARID1A, ATM, ATR, AXL, BAP1, BARD1, BCL2, BCL6, BRAF, BRCA1, BRCA2, BRIP1, BTK, CARD11, CCND1, CCND2, CCND3, CCNE1, CD79A, CD79B, CDH1, CDK4, CDK12, CDK6, CDKN2A, CEBPA, CHEK1, CHEK2, CREBBP, CSF1R, CTNNB1, DDR2, DNMT3A, EGFR, EML4, EP300, ERBB2, ERBB3, ERBB4, ERCC1, ERCC2, ERG, ESR1, ETS1, ETV1, ETV4, ETV5, EWSR1, EZH2, ABRAXAS1 (FAM175A), FANCI, FANCL, FBXW7, FGF1, FGF2, FGF3, FGF4, FGF5, FGF6, FGF7, FGF8, FGF9, FGF10, FGF14, FGF19, FGF23, FGFR1, FGFR2, FGFR3, FGFR4, FLI1, FLT1, FLT3, FOXL2, GEN1, GNA11, GNAQ, GNAS, HNF1A, HRAS, IDH1, IDH2, INPP4B, JAK2, JAK3, KDR, KIF5B, KIT, KMT2A (MLL), KRAS, LAMP1, MAP2K1, MAP2K2, MCL1, MDM2, MDM4, MET, MLH1, MLLT3, MPL, MRE11 (MRE11A), MSH2, MSH3, MSH6, MTOR, MUTYH, MYC, MYCL (MYCL1), MYCN, MYD88, NBN, NF1, NOTCH1, NOTCH2, NOTCH3, NPM1, NRAS, NRG1, NTRK1, NTRK2, NTRK3, PALB2, PAX3, PAX7, PDGFRA, PDGFRB, PIK3CA, PIK3CB, PIK3CD, PIK3CG, PIK3R1, PMS2, PPARG, PPP2R2A, PTCH1, PTEN, PTPN11, RAD51, RAD51B, RAD51C, RAD51D, RAD54L, RAF1, RB1, RET, RICTOR, ROS1, RPS6KB1, SLX4, SMAD4, SMARCB1, SMO, SRC, STK11, TERT, TFRC, TET2, TMPRSS2, TP53, TSC1, TSC2, VHL, XRCC2

Note: All genes have CNV analysis included on the panel