

# LIQUID BIOPSY REQUISITION FORM

## PATIENT INFORMATION (REQUIRED)

Name Last \_\_\_\_\_ First \_\_\_\_\_  
Date of Birth mm / dd / yyyy Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

MRN/Pt. ID/SSN # \_\_\_\_\_ Phone # \_\_\_\_\_

### Gender Identity:

- Male  Female  Female-to-Male (FTM)/Transgender Male/Trans Man
- Male-to-Female (MTF)/Transgender Female/Trans Woman
- Genderqueer, neither exclusively male nor female
- Additional gender category or other, please specify \_\_\_\_\_
- Choose not to disclose

### Ethnicity

- African-American  Jewish-Ashkenazi  Adopted  Asian  Caucasian/NW European
- Jewish-Sephardic  Native American  Hispanic  Middle Eastern  Unknown
- Asked but Unknown  Other \_\_\_\_\_  Non-Hispanic or Non-Latino
- Choose not to disclose

### Sexual Orientation:

- Lesbian, gay, or homosexual  Straight or heterosexual  Bisexual  Don't know
- Something else, please describe \_\_\_\_\_  Choose not to disclose

### Race:

- American Indian or Alaska Native  Black or African American  Asian
- Native Hawaiian or Other Pacific Islander  White  Other \_\_\_\_\_
- Unknown  Asked but Unknown  Choose not to disclose

## SPECIMEN INFORMATION-LIQUID BIOPSY (REQUIRED)

Specimen ID \_\_\_\_\_

Collection date mm / dd / yyyy Time \_\_\_\_\_  AM  PM

Sent date mm / dd / yyyy

PAXgene (blue top) specimen collection tubes and DeepSight collection kits must be utilized. Preferred minimum blood volume: >20-30 ml. For additional details, please visit our website.

## SPECIMEN INFORMATION - TISSUE BIOPSY (OPTIONAL)

Specimen ID \_\_\_\_\_ Block ID \_\_\_\_\_

Retrieval date from archive mm / dd / yyyy Sent date mm / dd / yyyy

Collection date mm / dd / yyyy Time \_\_\_\_\_  AM  PM

- Primary  Metastatic If Metastatic, List primary \_\_\_\_\_
- Slides # \_\_\_\_\_ Unstained \_\_\_\_\_ Stained \_\_\_\_\_  H&E \_\_\_\_\_
- Paraffin Block (S) # \_\_\_\_\_
- Choose best block.

FFPE block, or 4-10 of unstained slides, 5-micron thickness, shipped at room temperature. Minimum tissue area: at least 5 mm x 5 mm (preferred but not essential).

For packaging conditions, please check our website: <https://www.siparadigm.com/physician-support/specimen-requirements>

**REQUIRED** Pathology report and clinical notes.

## PHYSICIAN INFORMATION (REQUIRED)

Referring MD \_\_\_\_\_

Attending/Ordering MD \_\_\_\_\_

Account Information \_\_\_\_\_

## BILLING INFORMATION (BOTH SIDES REQUIRED)

- Insurance  Client  Patient
- SPECIMEN COLLECTION LOCATION**
  - Non-hospital/office patient
  - Out-patient hospital
  - In-patient hospital Discharge Date mm / dd / yyyy
  - Independent ambulatory clinic/surgical center

Please attach an Advance Beneficiary Notice (ABN) for all Medicare patients Available at [www.siparadigm.com](http://www.siparadigm.com)

## ICD-10 Code (REQUIRED)

\_\_\_\_\_

Notes: \_\_\_\_\_

## MOBILE PHLEBOTOMY REQUEST

Patient Phone (mobile preferred): \_\_\_\_\_

Patient Email (optional): \_\_\_\_\_

Patient Home Address: \_\_\_\_\_

City, ST, ZIP: \_\_\_\_\_

siParadigm Liquid Biopsy collection and shipping kit was provided to the patient. Please fax this completed requisition, pathology report, and insurance information to 888-890-4774 | By completing this section, Client represents it has obtained patient's consent to be contacted by third-party service.

## THIRD-PARTY SPECIMEN LOCATION (REQUIRED)

Hospital/Facility \_\_\_\_\_ Phone # \_\_\_\_\_

Address \_\_\_\_\_

Fax # \_\_\_\_\_

📎 Attach clinical notes, patient information, and insurance card (REQUIRED)

## ORGANS (REQUIRED)

- Bladder  Brain  Breast  Colorectal  Endometrial  Esophageal
- Gastric/GIST  Hepatocellular and Biliary tract  Head and Neck  Lung  Skin  Ovarian
- Pancreatic  Prostate  Thyroid  Unknown Origin  Others \_\_\_\_\_

## LIQUID BIOPSY TESTS (REQUIRED)

See website [www.siparadigm.com/compendium/](http://www.siparadigm.com/compendium/) for detailed panel content

Note: Any additional genomic alterations outside the specific gene list with strong clinical significance will also be reported.

### LIQUID BIOPSY

DeepSight™ Liquid Biopsy (Mutations + TMB + MSI)  
Gene mutations, amplifications, and fusions including TMB and MSI **TAT 7Days**

DeepSight™ Liquid Biopsy (Mutations Only)  
Gene mutations, amplifications, and fusions **TAT 7Days**

### ADDITIONAL TISSUE TESTING OPTIONS

Reflex Liquid to Tissue  
If liquid biopsy is negative or QNS reflex to Multi-Omics™ testing on tissue (\*)

Concurrent Liquid and Tissue  
Perform DeepSight™ liquid biopsy testing on liquid biopsy and Multi-Omics testing on tissue (\*)

Tissue to Liquid  
If the tissue is unattainable in 3 working days reflex to DeepSight™ liquid biopsy testing

(\*) Multi-Omics testing on tissue includes NGS mutation panel, TMB, MSI, and HRD, plus all required FISH and/or IHC studies as determined by our pathologists

### PREDICTIVE TESTING OPTIONS

BRCA1/2 HRD (blood) for PARPi therapy, LTD  
 Breast  Pancreatic

Tissue Biopsy Block is REQUIRED  
 PD-L1, SP263, FDA IMFINZI\*

PD-L1, SP142, FDA TECENTRIQ\*

PD-L1, 28-8, FDA OPDIVO\*

## PHYSICIAN SIGNATURE (REQUIRED)

Confirmation of Informed Consent & Statement of Medical Necessity: I affirm each of the following: 1) Testing is medically necessary for the diagnosis of a disease or syndrome. 2) The results will be used in the patient's medical management and treatment decisions. 3) The person listed as the ordering physician is authorized by law to order the test(s) requested herein. 4) I have provided genetic testing information to the patient and the patient has consented to such testing (if applicable).

I am certified to order the test (s) listed above, such that these test (s) are medically necessary and I have obtained informed consent for the requested test (s) when pertinent.

Signature \*(MANDATORY FOR TESTING) \_\_\_\_\_ Date \_\_\_\_\_

## PATIENT/LEGAL GUARDIAN (REQUIRED FOR GERMLINE TESTING ONLY)

Consent: I give permission to siParadigm to perform genetic testing as requested by my physician.

Signature \*(MANDATORY FOR TESTING - Results will be delayed if consent signature is missing) \_\_\_\_\_ Date \_\_\_\_\_

## TEST DESCRIPTIONS: (BIOMARKERS ANALYZED BY TUMOR TYPE)

\*Gene is also included in fusion detection. **Note: A tissue block is required for HIC and FISH tests.**

### BLADDER CANCERS **Bladder Multi-Omics™** 37 Genes MSI and TMB



\*ALK, AKT1, AR, ATM, BAP1, \*BRAF, BRCA1, BRCA2, CDKN2A, CCND1, CREBBP, \*EGFR, ERBB2, ERBB3, ERBB4, FANCA, FBXW7, FGFR1, \*FGFR2, \*FGFR3, HRAS, KDM6A, KMT2A, KMT2C, KMT2D, KRAS, MAP2K1, NF1, NRAS, PIK3CA, PTEN, RB1, \*RET, SMARCA4, STAG2, TERT, TP53.

**IHC Tests:** MMR, PD-L1 (22C3).

### BRAIN/CNS CANCERS **Brain Multi-Omics™** 34 Genes MSI and TMB



APC, ATRX, \*BRAF, CDK4, CTNNB1, CDKN2A, \*EGFR, ERBB2, ERBB4, FGFR1, \*FGFR2, \*FGFR3, HRAS, IDH1, IDH2, NRG1, KIT, KRAS, MET, MTOR, MYCN, MYD88, NRAS, \*NTRK1, \*NTRK2, NTRK3, PDGFRA

**FISH Tests:** 1p36/19q13, PTEN/CEN10. **IHC Tests:** MMR, PD-L1 (22C3).

### BREAST CANCERS **Breast Multi-Omics™** 43 Genes TMB, MSI and HRD for PARPi efficacy



AR, AKT1, ATM, \*BRAF, BRCA1, BRCA2, CCNE1, CDH1, CDK12, CHEK1, CHEK2, \*EGFR, ERBB2, ERBB3, ERBB4, ESR1, FANCA, FANCL, FGFR1, FGFR2, FGFR3, KRAS, MLH1, MRE11A, MSH2, MSH6, MUTYH, MYC, NBN, \*NTRK1, \*NTRK2, NTRK3, PALB2, PIK3CA, PMS2, PTEN, RAD50, RAD51, RB1, \*RET, STK11, TERT, TP53.

**FISH Tests:** HER-2/neu. **IHC Tests:** ER, HER-2/neu, Ki-67, MMR, PD-L1 (22C3), PR.

### COLORECTAL CANCERS **Colorectal Multi-Omics™** 38 Genes MSI and TMB



AKT1, APC, ATM, AXIN2, \*BRAF, CHEK1, CHEK2, ERBB2, ERBB3, ERBB4, \*EGFR, FANCA, FBXW7, HRAS, KRAS, MAP2K1, MET, MLH1, MSH2, MSH6, MUTYH, \*NTRK1, \*NTRK2, NTRK3, NRAS, PIK3CA, PMS2, POLD1, POLE, PTEN, \*RET, SMAD4, STK11, TERT, TP53.

**FISH Tests:** HER-2/neu. **IHC Tests:** BRAF, MMR, PD-L1 (22C3).

### ENDOMETRIAL CANCERS **Endometrial Multi-Omics™** 39 Genes MSI and TMB



AKT1, APC, ARID1A, ARID2, ATM, \*BRAF, BRCA1, BRCA2, CDK12, CDK4, CHEK2, CTNNB1, EPCAM, ERBB2, ESR1, FBXW7, KRAS, MDM2, MLH1, MSH2, MSH6, NBN, NRAS, \*NTRK1, \*NTRK2, NTRK3, PALB2, PIK3CA, PMS2, POLE, POLD1, PPP2R1A, PTEN, \*RET, RNF43, SAMD4, STK11, TP53.

**FISH Tests:** HER-2/neu. **IHC Tests:** BRAF, MMR, PD-L1 (22C3).

### ESOPHAGEAL CANCERS **Esophagus Multi-Omics™** 34 Genes MSI and TMB



AKT1, AR, ARAF, ARID1A, \*BRAF, CDK12, CDK6, CCNE1, CCND1, CDKN2A, \*EGFR, ERBB2, ERBB3, FGFR1, \*FGFR2, \*FGFR3, KIT, KRAS, MCL1, MAP2K1, MET, MLH1, MSH2, MSH6, MTOR, \*NTRK1, \*NTRK2, NTRK3, NRG1, NRAS, PMS2, PIK3CA, \*RET, TP53.

**FISH Tests:** HER-2/neu. **IHC Tests:** HER-2/neu, MMR, PD-L1 (22C3).

### GASTRIC/GIST CANCERS **Gastric/GIST Multi-Omics™** 40 Genes MSI and TMB



AR, APC, ATM, \*BRAF, CD274, CDH1, CCNE1, CTNNB1, ERBB2, ERBB4, \*EGFR, FBXW7, FGFR1, \*FGFR2, \*FGFR3, KRAS, MET, MDM2, MEN1, MLH1, MSH2, MSH6, NF1, NRG1, NRAS, \*NTRK1, \*NTRK2, NTRK3, PDGFRA, PIK3CA, PMS2, PTEN, \*RET, RB1, SAMD4, SDHA, SDHB, SDHC, SDHD, TP53.

**FISH Tests:** HER-2/neu. **IHC Tests:** HER-2/neu, MMR, PD-L1 (22C3).

### HEAD AND NECK CANCERS **Head and Neck Multi-Omics™** 34 Genes MSI and TMB



AR, ATM, ARAF, \*BRAF, CD274, CDKN2A, \*EGFR, ERBB2, ERBB3, FGFR1, \*FGFR2, \*FGFR3, HRAS, IDH1, IDH2, KRAS, MET, MTOR, MLH1, MSH2, MSH6, NOTCH1, NRAS, NRG1, \*NTRK1, \*NTRK2, NTRK3, PIK3CA, PMS2, PTEN, \*RET, TERT, TP53.

**IHC Tests:** MMR, PD-L1 (22C3).

### HEPATOCELLULAR & BILIARY TRACT CANCERS **Liver Multi-Omics™** 43 Genes MSI and TMB



AKT1, ARAF, ARID1A, ATM, \*BRAF, BAP1, BRCA1, BRCA2, CTNNB1, \*EGFR, ERBB2, ERBB3, ERBB4, ESR1, FGFR1, \*FGFR2, \*FGFR3, FGFR4, GNAI1, IDH1, IDH2, KIT, KRAS, MAP2K1, MAP2K2, MET, MLH1, MSH2, MSH6, MTOR, NRAS, NRG1, \*NTRK1, \*NTRK2, NTRK3, PALB2, PIK3CA, PMS2, PTEN, \*RET, RAD51D, TERT, TP53.

**IHC Tests:** MMR, PD-L1 (22C3).

### LUNG CANCERS **Lung Multi-Omics™** 38 Genes MSI and TMB



AKT1, \*ALK, ARAF, ATM, \*BRAF, ARID2, CCND1, CD274, CDK4, CDKN2A, CHEK2, ERBB2, ERBB3, \*EGFR, FGFR1, \*FGFR2, \*FGFR3, HRAS, KEAP1, KRAS, MAP2K1, MET, MYCL, MTOR, NFE2L2, NRG1, NRAS, \*NTRK1, \*NTRK2, NTRK3, \*NUTM1, PIK3CA, \*RET, RICTOR, \*ROSI, RB1, STK11, TP53.

**FISH Tests:** ALK, MET/CEN7, RET, ROS1. **IHC Tests:** ALK, BRAF, MMR, PD-L1 (22C3), ROS1.

### MELANOMA **Melanoma Multi-Omics™** 37 Genes MSI and TMB



APC, ARID2, ATM, \*BRAF, BAP1, BRCA2, CCND1, CDK4, CDKN2A, CHEK2, CTNNB1, EIF1AX, FBXW7, GNAI1, GNAQ, GNAS, IDH1, KIT, MAP2K1, MAP2K2, NF1, NRAS, \*NTRK1, \*NTRK2, NTRK3, PALB2, PDGFRA, PIK3CA, PTEN, RB1, \*RET, \*ROSI, SF3B1, SMO, SRC, TERT, TP53.

**IHC Tests:** BRAF, MMR, PD-L1 (22C3).

### OVARIAN CANCERS **Ovarian Multi-Omics™** 43 Genes TMB, MSI and HRD for PARPi efficacy



AKT1, ARAF, ATM, ARID1A, BARD1, \*BRAF, BRCA1, BRCA2, BRIP1, CCNE1, CDK12, CHEK1, CHEK2, CTNNB1, ERBB2, \*ESR1, FANCA, FANCL, FGFR1, \*FGFR2, \*FGFR3, FOLR1, KIT, MAP2K1, MET, MLH1, MSH2, MSH6, MTOR, \*NTRK1, \*NTRK2, \*NTRK3, NF1, NRG1, PALB2, PIK3CA, PMS2, PPP2R1A, PTEN, RAD51C, RAD51D, RAD54L, RET, TP53.

**FISH Tests:** HER-2/neu. **IHC Tests:** FOLR1, MMR, PD-L1 (22C3).

### PANCREATIC CANCERS **Pancreas Multi-Omics™** 29 Genes TMB, MSI and HRD for PARPi efficacy



\*ALK, ATM, \*BRAF, BRCA1, BRCA2, CDKN2A, ERBB2, FGFR1, \*FGFR2, \*FGFR3, FANCL, IDH1, IDH2, KRAS, MLH1, MSH2, MSH6, NRG1, \*NTRK1, \*NTRK2, NTRK3, PALB2, PMS2, PIK3CA, \*RET, \*ROSI, SMAD4, STK11, TP53.

**IHC Tests:** MMR, PD-L1 (22C3).

### PROSTATE CANCERS **Prostate Multi-Omics™** 42 Genes TMB, MSI and HRD for PARPi efficacy



AKT1, AR, ARID1A, ATM, ATR, BARD1, \*BRAF, BRCA1, BRCA2, BRIP1, CCND1, CDK12, CHEK1, CHEK2, CTNNB1, FANCA, FANCD2, FANCL, HRAS, IDH1, MLH1, MRE11A, MSH2, MSH6, MUTYH, NBN, \*NTRK1, \*NTRK2, NTRK3, PALB2, PIK3CA, PMS2, PPP2R2A, PTEN, RAD51B, RAD51C, RAD51D, RB1, \*RET, SPOP, TERT, TP53.

**FISH Tests:** PTEN/CEN10. **IHC Tests:** MMR, PD-L1 (22C3).

### THYROID CANCERS **Thyroid Multi-Omics™** 28 Genes MSI and TMB



\*ALK, AKT1, \*BRAF, BRCA1, BRCA2, CDKN2A, CTNNB1, FGFR1, \*FGFR2, \*FGFR3, HRAS, IDH1, IDH2, KRAS, MET, \*NTRK1, \*NTRK2, NTRK3, NRAS, \*RET, MLH1, MSH2, MSH6, PMS2, PALB2, PIK3CA, PTEN, TERT.

**IHC Tests:** BRAF, MMR, PD-L1 (22C3).

### TUMOR OF UNKNOWN ORIGIN AND OTHERS **Unknown Origin Multi-Omics™** 48 Genes MSI and TMB



AKT1, \*ALK, AR, ARAF, \*BRAF, CD274, CDK4, CDKN2A, CHEK2, CTNNB1, \*EGFR, ERBB2, ERBB3, ERBB4, ERG, ESR1, \*ETV1, FGFR1, \*FGFR2, \*FGFR3, FGFR4, FLT3, GNAI1, GNAQ, GNAS, HRAS, IDH1, IDH2, KIT, KRAS, MAP2K1, MAP2K2, MET, MTOR, NRAS, NRG1, \*NTRK1, \*NTRK2, NTRK3, \*NUTM1, PDGFRA, PIK3CA, PTEN, RAF1, \*RET, \*ROSI, SMO, TP53

**IHC Tests:** MMR, PD-L1 (22C3).