

Fax completed requisition with a copy of the pathology report to 972-966-7661/844-364-0860

SOLID TUMOR REQUISITION

PATIENT INFORMATION **CLIENT INFORMATION**

| | | | | |
|----------------------------|------------------|-------|--------------------|------------|
| Last Name | First Name | M.I. | Client Name | Account ID |
| Street Address | | Apt#. | Street Address | |
| City | State | Zip | City | State |
| Phone Number | SSN | | Phone Number | Fax Number |
| Date of Birth – MM/DD/YYYY | Age | Sex | Ordering Physician | NPI |
| Patient ID | Encounter/Visit# | | Treating Physician | NPI |

BILLING/INSURANCE INFORMATION

BILL: Insurance Medicaid Medicare Patient Account Medicare# _____ Medicaid# _____

Name of Insured/Responsible Party (Last/First) Date of Birth of of Insured/Responsible Party - MM/DD/YYYY
 Self Spouse Dependent

| | | | | |
|------------------------|-----------------------|------|-------|-----|
| Insurance Company Name | Street Address/PO Box | City | State | Zip |
| Policy Number | Group# | | | |
| ICD-10 Code | | | | |

SPECIMEN INFORMATION (INCLUDE A COPY OF THE PATHOLOGY REPORT)

Specimen Collection Location Specimen Collection Location Name
 Office/Clinic Ambulatory Center Hospital Inpatient - Date of Discharge _____

| | | | |
|--------------------|-------------|---------------|-----------------------|
| Primary Tumor Site | ICD-10 Code | Specimen Site | Specimen/Block ID#(s) |
|--------------------|-------------|---------------|-----------------------|

Date & Time of Collection (Formalin Vials) Fixation Start Time (FST) Fixation End Time (FET) Tissue Type(s):
 / / AM PM FFPE Block Formalin Fixative* Unstained Slides

SPECIMEN LOCATION

Location of Tissue Specimen: Address: Attach a copy of Pathology Report

Location Phone/Fax: Ordering Pathologist: _____ NPI _____

TESTS AND SERVICES

SEQ® Panels

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1004878 <input type="checkbox"/> COLONSEQ™ 1004880 <input type="checkbox"/> COLONSEQPlus™ 1004876 <input type="checkbox"/> LUNGSEQ®, Concurrent 1005013 <input type="checkbox"/> LUNGSEQ®, Reflexive 1015936 <input type="checkbox"/> 50SEQ® Plus FISH (NSCLC only) | 1015862 <input type="checkbox"/> MELANOMASEQ® 1015610 <input type="checkbox"/> MELANOMASEQPlus® 1004874 <input type="checkbox"/> 50SEQ® |
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Molecular Tests

- | | |
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| Panels 1015886 <input type="checkbox"/> med fusion-PrimeInsights™ Panel+ <small>+United Healthcare patients only with NSCLC, CRC, Breast Cancer and Melanoma</small> | Individual Tests 1001050 <input type="checkbox"/> EGFR Mutation Analysis by PCR 1016467 <input type="checkbox"/> EGFR Liquid Biopsy 1001058 <input type="checkbox"/> Microsatellite Instability (MSI) 1003405 <input type="checkbox"/> MLH1 Promoter Methylation 1003864 <input type="checkbox"/> IDH1 and IDH2 Mutation, exon 4 by PCR 1004021 <input type="checkbox"/> KRAS Mutation by PCR (codons 12 and 13, only) 1015984 <input type="checkbox"/> BRAF V600 Mutation by PCR 1016101 <input type="checkbox"/> MGMT Promoter Methylation by Pyrosequencing |
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IHC Tests

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Panels 1004086 <input type="checkbox"/> Comprehensive IHC Breast Panel (ER, PR, HER2, Ki-67) 1004086 <input type="checkbox"/> Mismatch Repair (MMR) by IHC (MLH1, MSH2, MSH6, PMS2) 1004086 <input type="checkbox"/> Comprehensive Lynch / HNPCC Screening Panel (MMR, MSI, reflex to BRAF and/or MLH1 Promoter Methylation as indicated) | Individual Tests 1004086 <input type="checkbox"/> c-MET by IHC 1004086 <input type="checkbox"/> E-Cadherin IHC 1004086 <input type="checkbox"/> EGFR by IHC 1004086 <input type="checkbox"/> ER by IHC 1004086 <input type="checkbox"/> HER2 by IHC 1004086 <input type="checkbox"/> Ki-67 by IHC 1004086 <input type="checkbox"/> p53 by IHC 1015502 <input type="checkbox"/> PD-L1 by IHC 1004086 <input type="checkbox"/> PR by IHC |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

FISH Tests

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1003130 <input type="checkbox"/> ALK by FISH 1015608 <input type="checkbox"/> c-MET by FISH 1001049 <input type="checkbox"/> EGFR by FISH 1001039 <input type="checkbox"/> 1p/19q by FISH | 1001051 <input type="checkbox"/> HER2 by FISH 1005011 <input type="checkbox"/> RET by FISH 1004689 <input type="checkbox"/> ROS1 by FISH |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

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SEQ Panels

COLONSEQ™: BRAF, KRAS, NRAS, PIK3CA, PTEN

COLONSEQPlus™: APC, BRAF, c-MET, CTNNB1, EGFR, ERBB2 (HER2), FBXW7, KRAS, NRAS, PIK3CA, PTEN, SMAD4, TP53

LUNGSEQ®: AKT1, BRAF, EGFR, ERBB2 (HER2), KRAS, MAP2K1, NRAS, PIK3CA, PTEN, PD-L1 by IHC and 4-FISH tests run Concurrently or Reflexively: ALK by FISH, ROS1 by FISH, RET by FISH, c-MET by FISH

MELANOMASEQ®: BRAF, cKIT, NRAS

MELANOMASEQPlus®: BRAF, cKIT, CTNNB1, GNA11, GNAQ, GNAS, HRAS, KRAS, NRAS, PIK3CA, PTEN

50SEQ®: AKT1, ALK, APC, ATM, BRAF, CDH1, CDKN2A, cKIT, c-MET, CSF1R, CTNNB1, EGFR, ERBB2 (HER2), ERBB4, ESR1, FBXW7, FGFR1, FGFR2, FGFR3, FLT3, GNA11, GNAQ, GNAS, HNF1A, HRAS, IDH1, IDH2, JAK2, JAK3, KDR, KRAS, MAP2K1, MLH1, NOTCH1, NRAS, PDGFRA, PIK3CA, PIK3R1, PTEN, PTPN11, RB1, RET, ROS1, SMAD4, SMARCB1, SMO, SRC, STK11, TP53, VHL

50SEQ®Plus FISH (for NSCLC patients only): includes the 50SEQ® panel markers plus PD-L1 by IHC, ALK by FISH, ROS1 by FISH, RET by FISH, c-MET by FISH

med fusion-PrimeInsights™ Panels

NSCLC: AKT1, ALK, BRAF, EGFR, ERBB2, ESR1, FGFR1, FGFR2, GNA11, GNAQ, KIT, KRAS, MAP2K1, NRAS, PIK3CA, PTEN, ROS1 with ALK, ROS1, RET and c-MET by FISH run Concurrently only

CRC: AKT1, ALK, BRAF, EGFR, ERBB2, ESR1, FGFR1, FGFR2, GNA11, GNAQ, KIT, KRAS, MAP2K1, NRAS, PIK3CA, PTEN, ROS1

Melanoma: AKT1, ALK, BRAF, EGFR, ERBB2, ESR1, FGFR1, FGFR2, GNA11, GNAQ, KIT, KRAS, MAP2K1, NRAS, PIK3CA, PTEN, ROS1

Breast Cancer: AKT1, ALK, BRAF, EGFR, ESR1, ERBB2, FGFR1, FGFR2, GNA11, GNAQ, KIT, KRAS, MAP2K1, NRAS, PIK3CA, PTEN, ROS1, HER2 by FISH and ER, PR and HER2 by IHC.

Formalin Fixed Paraffin Embedded (FFPE) Sample

Sufficient tumor must be present to complete all testing. (Minimum 20% tumor nuclei required)

| SPECIMEN TYPE | SPECIMEN REQUIREMENTS |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fixed Tissue | One (1) tumor-containing formalin fixed paraffin embedded block (FFPE) from most recent surgery or biopsy. Successive five (5) micron sections will be created from the block until sufficient material for the testing orders is obtained. For the molecular analysis, tumor cells will be excised by microdissection until a total area of at least 50mm ² is obtained |
| Unstained slides | Unstained, positively charged, unbaked slides from one single, tumor containing formalin fixed paraffin embedded block 5 micron sections All solid tumor SEQ panels require 10 slides, except for the following SEQ panels for NSCLC only: 50SEQ® Plus FISH – 22 slides LUNGSEQ® – 22 slides med fusion PrimeInsights™ Breast Cancer – 19 slides CRC – 10 slides Melanoma – 10 slides NSCLC – 19 slides Note: At least a 5mm x 5mm section of tissue per slide is required. For small biopsies (tissue area < 5mm x 5mm) please cut two sections per slide for at least one half of the slides to ensure sufficient material for molecular assays. |
| Core Needle Biopsy | Four to six (4-6) biopsies formalin fixed paraffin embedded - 18 gauge needle preferred |
| Fine Needle Aspirate (FNA) | One (1) formalin fixed paraffin embedded block containing sufficient tumor |
| Malignant Fluid Cell Block | One (1) formalin fixed paraffin embedded cell block containing sufficient tumor (20% or more tumor nuclei) |
| Bone/Bone Metastasis | One (1) formalin fixed paraffin embedded block of tumor (primary bone malignancy or metastasis to the bone), non-decalcified specimen. |

Formalin Samples

| SPECIMEN TYPE | SPECIMEN REQUIREMENTS |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fresh Tissue | Two (2) or more samples with a maximum thickness of ~3mm (height, width, length) and submit in 10% neutral buffered formalin. |
| Core Needle Biopsy | Four to six (4-6) biopsies - 18 gauge needle preferred |
| Bone/Bone Metastasis | Two (2) or more samples with minimum thickness of 3mm (height, width, length) and submit in 10% neutral buffered formalin (DO NOT DECALCIFY) |

Liquid Biopsies

| SPECIMEN TYPE | SPECIMEN REQUIREMENTS |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Plasma K₂EDTA Collection and Storage | Collect 10 mL Lavender Top Blood Collection Tube, centrifuge for 15 minutes at 2000 x g to separate plasma within 4 hours of collection and aliquot plasma into standard transport tube - DO NOT touch buffy coat. Minimum of 5 mL plasma is required. Plasma samples are stable for either ≤ -70°C for up to 12 months or at 2°C to 8°C for up to 3 days. |

For shipper kits and specimen shipping, please call **Solid Tumor Dedicated Hotline**
med fusion, 2501 South State Highway 121, Suite 1100 Lewisville, TX 75067-8188
972-966-7050 or 844-966-7050, www.medfusionservices.com