

Patient Information (required)

Patient ID <i>(Medical Record No.)</i>	Client Account No.
Patient Name <i>(Last, First, Middle)</i>	Client Order No.
Birth Date <i>(Month DD, YYYY)</i>	

PATHOLOGY
<input type="checkbox"/> PATHC Pathology Consultation Appropriate stains and ancillary testing may be performed in order to render an accurate diagnosis

SPECIAL TESTING
PD-L1 Immunohistochemical stains
<input type="checkbox"/> PDL1 PD-L1 (SP263), Semi-Quantitative Immunohistochemistry, Manual
<input type="checkbox"/> PDL1S PD-L1 (SP142), Semi-Quantitative Immunohistochemistry, Manual
<input type="checkbox"/> PDL12 PD-L1 (22C3), Semi-Quantitative Immunohistochemistry, Manual

Microsatellite Instability (MSI)/Mismatch Repair
<input type="checkbox"/> MSIHC Microsatellite Instability (MSI)/Immunohistochemistry (IHC) Profile-Lynch/Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Screen
<input type="checkbox"/> MSI Microsatellite Instability (MSI), Tumor
<input type="checkbox"/> IHC Mismatch Repair (MMR) Protein Immunohistochemistry Only, Tumor

Chromosome Analysis
<input type="checkbox"/> CHRBF Chromosome Analysis, Body Fluid
<input type="checkbox"/> CHRST Chromosome Analysis, Solid Tumors

Next-Generation Sequencing (NGS) Panels
<input type="checkbox"/> GISTP GIST-Targeted Gene Panel by Next-Generation Sequencing, Tumor
<input type="checkbox"/> LNGPR Lung Cancer-Targeted Gene Panel with Rearrangement, Tumor (mutations and rearrangements)
<input type="checkbox"/> LUNGP Lung Cancer-Targeted Gene Panel, Tumor (mutations only)
<input type="checkbox"/> LUNGR Lung Cancer Rearrangement Testing, Tumor (rearrangements only)
<input type="checkbox"/> MELP Melanoma Targeted Gene Panel by Next-Generation Sequencing, Tumor
<input type="checkbox"/> NONTP Neuro-Oncology Panel, Tumor
<input type="checkbox"/> RASFP RAS/RAF Targeted Gene Panel by Next-Generation Sequencing, Tumor
<input type="checkbox"/> CAPN Solid Tumor Targeted Cancer Gene Panel by Next-Generation Sequencing

Chromosomal Microarray
<input type="checkbox"/> CMAPT Chromosomal Microarray, Tumor, Formalin-Fixed Paraffin-Embedded
<input type="checkbox"/> CMAT Chromosomal Microarray, Tumor, Fresh or Frozen using Affymetrix Cytoscan HD

MATE PAIR SEQUENCING
<input type="checkbox"/> MTRTI MatePair, Targeted Rearrangements, Oncology

PATHOLOGY: TARGETED TUMOR TESTING
Bone and Soft Tissue
<input type="checkbox"/> FOXOF Alveolar Rhabdomyosarcoma (ARMS), 13q14 (FOXO1 or FKHR) Rearrangement, FISH, Tissue
<input type="checkbox"/> ETV6F ETV6 (12p13.2) Rearrangement, FISH, Tissue
<input type="checkbox"/> ARMS Alveolar Rhabdomyosarcoma by Reverse Transcriptase PCR (RT-PCR)
<input type="checkbox"/> TFE3F Alveolar Soft Part Sarcoma (ASPS)/Renal Cell Carcinoma (RCC), Xp11.23 (TFE3), FISH, Tissue
<input type="checkbox"/> MASF Angiosarcoma, MYC (8q24) Amplification, FISH, Tissue
<input type="checkbox"/> BCAT Beta-Catenin, Fibromatosis, Mutation Analysis
<input type="checkbox"/> DSRCT Desmoplastic Small Round-Cell Tumor by Reverse Transcriptase PCR (RT-PCR)
<input type="checkbox"/> ESTUF Endometrial Stromal Tumors (EST), 7p15 (JAZF1), 6p21.32 (PHF1), 17p13.3 (YWHAE) Rearrangement, FISH, Tissue
<input type="checkbox"/> EWSF Ewing Sarcoma (EWS), 22q12 (EWSR1) Rearrangement, FISH, Tissue
<input type="checkbox"/> EWS Ewing Sarcoma, by Reverse Transcriptase PCR (RT-PCR)
<input type="checkbox"/> IMTF Inflammatory Myofibroblastic Tumors (IMT), 2p23 (ALK) Rearrangement, FISH, Tissue
<input type="checkbox"/> KIT8 KIT Exon 8, Mutation Analysis
<input type="checkbox"/> KIT9 KIT Exon 9, Mutation Analysis
<input type="checkbox"/> KIT11 KIT Exon 11, Mutation Analysis
<input type="checkbox"/> KIT13 KIT Exon 13, Mutation Analysis
<input type="checkbox"/> KIT17 KIT Exon 17, Mutation Analysis
<input type="checkbox"/> FUSF Low-Grade Fibromyxoid Sarcoma (LGFMS), 16p11.2 (FUS or TLS) Rearrangement, FISH, Tissue
<input type="checkbox"/> MDM2F MDM2 (12q15) Amplification, Well-Differentiated Liposarcoma/Atypical Lipomatous Tumor, FISH, Tissue
<input type="checkbox"/> DDITF Myxoid/Round Cell Liposarcoma, 12q13 (DDIT3 or CHOP) Rearrangement, FISH, Tissue
<input type="checkbox"/> MYCNF Neuroblastoma, 2p24 (MYCN) Amplification, FISH
<input type="checkbox"/> PDG12 PDGFRA Exon 12, Mutation Analysis
<input type="checkbox"/> PDG14 PDGFRA Exon 14, Mutation Analysis
<input type="checkbox"/> PDG18 PDGFRA Exon 18, Mutation Analysis
<input type="checkbox"/> PDGF PDGFB (22q13), Dermatofibrosarcoma Protuberans/Giant Cell Fibroblastoma, FISH, Tissue

<input type="checkbox"/> SS18F Synovial Sarcoma (SS), 18q11.2 (SS18 or SYT) Rearrangement, FISH, Tissue
<input type="checkbox"/> SYT Synovial Sarcoma by Reverse Transcriptase PCR (RT-PCR)
<input type="checkbox"/> USPF USP6 (17p13), Aneurysmal Bone Cyst and Nodular Fasciitis, FISH, Tissue

Breast
<input type="checkbox"/> MASF Angiosarcoma, MYC (8q24) Amplification, FISH, Tissue
<input type="checkbox"/> CTCBC Circulating Tumor Cells (CTC) for Breast Cancer by CellSearch, Blood
<input type="checkbox"/> FGF1F FGFR1 (8p11.2) Amplification, FISH, Tissue
<input type="checkbox"/> HER2F HER2 Amplification Associated with Breast Cancer, FISH, Tissue
<input type="checkbox"/> ETV6F ETV6 (12p13.2) Rearrangement, FISH, Tissue

Immunohistochemical assays interpreted with digital image analysis
<input type="checkbox"/> ERPR Estrogen/Progesterone Receptor, Semi-Quantitative, Manual
<input type="checkbox"/> KI67B Ki-67(MIB-1), Breast, Quantitative, Automated
<input type="checkbox"/> HERBA Breast, Quantitative, Automated with HER2 FISH reflex
<input type="checkbox"/> HERBN HER2, Breast, Quantitative, Automated, No Reflex
<input type="checkbox"/> HERDM HER2, Breast, DCIS, Quantitative, Manual with HER2 FISH Reflex
<input type="checkbox"/> HERDN HER2, Breast, DCIS, Quantitative, Manual No Reflex

Gastrointestinal
<input type="checkbox"/> FBILM Biliary Tract Malignancy-Cytology, FISH
<input type="checkbox"/> BRAFT BRAF Mutation Analysis (V600E), Tumor
<input type="checkbox"/> CTCCC Circulating Tumor Cells (CTC) for Colorectal Cancer by CellSearch, Blood
<input type="checkbox"/> EGFRT EGFR Gene, Mutation Analysis, 29 Mutation Panel, Tumor
<input type="checkbox"/> PRKAF Fibrolamellar Carcinoma, 19p13.1 (PRKACA) Rearrangement, FISH, Tissue
<input type="checkbox"/> FGFR2 FGFR2 (10q26.1) Rearrangement, FISH, Tissue
<input type="checkbox"/> GISTP GIST-Targeted Gene Panel by Next-Generation Sequencing, Tumor
<input type="checkbox"/> H2GEF HER2 Amplification Associated with Gastroesophageal Cancer, FISH, Tissue
<input type="checkbox"/> HERGM HER2, Gastric/Esophageal, Semi-Quantitative Immunohistochemistry, Manual
<input type="checkbox"/> HERGN HER2, Gastric/Esophageal, Semi-Quantitative Immunohistochemistry, Manual, No Reflex

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Gastrointestinal (cont.)

KINET Ki-67(MIB-1), Gastrointestinal/Pancreatic Neuroendocrine Tumors, Quantitative Immunohistochemistry, Automated

KIT8 KIT Exon 8, Mutation Analysis

KIT9 KIT Exon 9, Mutation Analysis

KIT11 KIT Exon 11, Mutation Analysis

KIT13 KIT Exon 13, Mutation Analysis

KIT17 KIT Exon 17, Mutation Analysis

KRASC KRAS Mutation Analysis, 7 Mutation Panel, Colorectal

METF MET (7q31), FISH, Tissue

ML1HM MLH1 Hypermethylation Analysis, Tumor

BRMLH MLH1 Hypermethylation and BRAF Mutation Analysis, Tumor

MSIHC Microsatellite Instability (MSI)/ Immunohistochemistry (IHC) Profile-Lynch/ Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Screen

IHC Mismatch Repair (MMR) Protein Immunohistochemistry Only, Tumor

MSI Microsatellite Instability (MSI), Tumor

RASFP RAS/RAF Targeted Gene Panel by Next-Generation Sequencing, Tumor

Genitourinary

TFE3F Alveolar Soft Part Sarcoma (ASPS)/Renal Cell Carcinoma (RCC), Xp11.23 (TFE3), FISH, Tissue

CTCPC Circulating Tumor Cells (CTC) for Prostate Cancer by CellSearch, Blood

GCTF Germ Cell Tumor (GCT), Isochromosome 12p, FISH, Tissue

H2URF HER2 Amplification Associated with Urothelial Carcinoma, FISH, Tissue

FUR0C UroVysion for Detection of Bladder Cancer, Urine

NUT1F NUTM1 (15q14) Rearrangement, FISH, Tissue

PROF Prostate Tumor, FISH, Tissue

TFEFB Renal Cell Carcinoma, 6p21.1 (TFEB) Rearrangement, FISH, Tissue

Gynecology

Endometrial/Uterine Carcinoma

ESTUF Endometrial Stromal Tumors (EST), 7p15 (JAZF1), 6p21.32 (PHF1), 17p13.3 (YWHAE) Rearrangement, FISH, Tissue

ML1HM MLH1 Hypermethylation Analysis, Tumor

Ovarian Carcinoma

FOXL2 FOXL2, Granulosa Cell Tumor, c.402C->G Mutation Analysis

Gestational/Trophoblastic Disease/ Molar Pregnancy

POCF Products of Conception (POC) Aneuploidy Detection, FISH, Paraffin-Embedded Tissue

Lower Anal-Genital Tract Carcinoma

HPV E6 Human Papillomavirus (HPV) High-Risk E6/E7, RNA In Situ Hybridization

HPV L Human Papillomavirus (HPV) High/Low Risk, DNA In Situ Hybridization

HPV H Human Papillomavirus (HPV), High-Risk, DNA In Situ Hybridization

HPV L Human Papillomavirus (HPV), Low-Risk, DNA In Situ Hybridization

Head and Neck

FGF1F FGFR1 (8p11.2) Amplification, FISH, Tissue

60483 Human Papillomavirus (HPV), High-Risk, DNA In Situ Hybridization

62577 Human Papillomavirus (HPV), Low-Risk, DNA In Situ Hybridization

80172 Human Papillomavirus (HPV) Typing, DNA In Situ Hybridization

MAMLF MAML2 (11q21) Rearrangement, Mucoepidermoid Carcinoma (MEC), FISH, Tissue

SGTF MYB (6q23) Rearrangement, FISH, Tissue

Melanoma

BRAFB Cell-Free DNA BRAF V600 Test, Blood

BRAFC BRAF Mutation Analysis (V600), Melanoma

KIT11 KIT Exon 11, Mutation Analysis

KIT13 KIT Exon 13, Mutation Analysis

KIT17 KIT Exon 17, Mutation Analysis

MELF Melanoma, FISH, Tissue

MELP Melanoma Targeted Gene Panel by Next-Generation Sequencing, Tumor

UMM3F Uveal Melanoma, Chromosome 3 Monosomy, FISH, Tissue

Neuro-oncology

GLIOF 1p/19q Deletion in Gliomas, FISH, Tissue

BRAFT BRAF Mutation Analysis (V600E), Tumor

CMAPT Chromosomal Microarray, Tumor, Formalin-Fixed Paraffin-Embedded

GCTF Germ Cell Tumor (GCT), Isochromosome 12p, FISH, Tissue

IDH IDH1/2, Mutation Analysis

MEDF Medulloblastoma, FISH, Tissue

MGMT MGMT Promoter Methylation, Tumor

NONTP Neuro-Oncology Panel, Tumor

Pulmonary

BRAFT BRAF Mutation Analysis (V600E), Tumor

EGFR EGFR Gene, Mutation Analysis, 29 Mutation Panel, Tumor

FALKC ALK on Cytology Specimens, FISH

FGF1F FGFR1 (8p11.2) Amplification, FISH, Tissue

KRASO KRAS Mutation Analysis, 7 Mutation Panel, Other (Non-Colorectal)

LCAF Lung Cancer, ALK (2p23) Rearrangement, FISH, Tissue

EGFR Lung Cancer, EGFR with ALK Reflex, Tumor

LNGPR Lung Cancer-Targeted Gene Panel with Rearrangement, Tumor (mutations and rearrangements)

LUNGP Lung Cancer-Targeted Gene Panel, Tumor (mutations only)

LUNGR Lung Cancer Rearrangement Testing, Tumor (rearrangements only)

RETF Lung Cancer, RET (10q11) Rearrangement, FISH, Tissue

ROS1F Lung Cancer, ROS1 (6q22) Rearrangement, FISH, Tissue

METF MET (7q31), FISH, Tissue

CELL-FREE DNA (cfDNA) TESTING

BRAFB Cell-Free DNA BRAF V600 Test, Blood

ONCOLOGY: MOLECULAR DIAGNOSTIC TESTING

Gastrointestinal

APCZ APC Gene, Full Gene Analysis

HCRC Hereditary Colon Cancer Multi-Gene Panel

MSIHC Microsatellite Instability (MSI)/ Immunohistochemistry (IHC) Profile-Lynch/ Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Screen

LYNCH Lynch Syndrome Panel

MLH1Z MLH1 Gene, Full Gene Analysis

MSH2Z MSH2 Gene, Full Gene Analysis

MSH6Z MSH6 Gene, Full Gene Analysis

MUTYH MUTYH Gene Analysis, Y165C and G382D

PMS2Z PMS2 Gene, Full Gene Analysis

U1A1 UDP-Glucuronosyl Transferase 1A1 TA Repeat Genotype, UGT1A1

UGTI UDP-Glucuronosyl Transferase 1A1 (UGT1A1), Full Gene Sequencing, Irinotecan Hypersensitivity

Inherited Endocrine

FMTT Familial Mutation, Targeted Testing

RETZ RET Proto-Oncogene, Full Gene Analysis

SDHP SDHB, SDHC, SDHD Gene Panel

VHLZ VHL Gene, Full Gene Analysis

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PRIMARY BODY FLUID TESTS

Tests for disease monitoring or aiding in the diagnosis

Bone and Soft Tissue

FGF23 Fibroblast Growth Factor 23 (FGF23), Plasma

Breast

C2729 Breast Carcinoma-Associated Antigen (CA 27.29), Serum

CA153 Cancer Antigen 15-3 (CA 15-3), Serum

Endocrine

Thyroid Cancer

CATLN Calcitonin, Fine-Needle Aspiration Biopsy (FNAB)-Needle Wash, Lymph Node

CATN Calcitonin, Serum

CEA Carcinoembryonic Antigen (CEA), Serum

TGMS Thyroglobulin Mass Spectrometry, Serum

HTGFN Thyroglobulin, Tumor Marker, Fine-Needle Aspiration (FNA)-Needle Wash, Lymph Node

HTGR Thyroglobulin, Tumor Marker Reflex to LC-MS/MS or Immunoassay

HTG2 Thyroglobulin, Tumor Marker, Serum

Neuroendocrine Tumors

CGAK Chromogranin A, Serum

GAST Gastrin, Serum

GLP Glucagon, Plasma

NSE Neuron-Specific Enolase (NSE), Serum

HPP Pancreatic Polypeptide, Plasma

VIP Vasoactive Intestinal Polypeptide (VIP), Plasma

Pituitary Tumors

ACTH Adrenocorticotropic Hormone (ACTH), Plasma

APGH Alpha-Subunit Pituitary Tumor Marker, Serum

FSH Follicle-Stimulating Hormone (FSH), Serum

HGH Growth Hormone, Serum

LH Luteinizing Hormone (LH), Serum

MCRPL Macroprolactin, Serum

NSE Neuron-Specific Enolase (NSE), Serum

PLPMA Prolactin, Pituitary Macroadenoma, Serum

PRL Prolactin, Serum

Biogenic Amines

CATU Catecholamine Fractionation, Free, 24 Hour, Urine

CATP Catecholamine Fractionation, Free, Plasma

HVA Homovanillic Acid (HVA), 24 Hour, Urine

HVAR Homovanillic Acid (HVA), Random, Urine

METAF Metanephrines, Fractionated, 24 Hour, Urine

PMET Metanephrines, Fractionated, Free, Plasma

METAR Metanephrines, Fractionated, Random, Urine

SERU Serotonin, 24 Hour, Urine

SERWB Serotonin, Blood

VH Vanillylmandelic Acid (VMA) and Homovanillic Acid (HVA), Random, Urine

VMA Vanillylmandelic Acid (VMA), 24 Hour, Urine

VMAR Vanillylmandelic Acid (VMA), Random, Urine

HIAA 5-Hydroxyindoleacetic Acid (5-HIAA), 24 Hour, Urine

Gastrointestinal

HIAA 5-Hydroxyindoleacetic Acid (5-HIAA), 24 Hour, Urine

L3AFP Alpha-Fetoprotein (AFP) L3% and Total, Hepatocellular Carcinoma Tumor Marker, Serum

AFPPT Alpha-Fetoprotein (AFP), Peritoneal Fluid

AFP Alpha-Fetoprotein (AFP) Tumor Marker, Serum

AMLPC Amylase, Pancreatic Cyst

199PC Carbohydrate Antigen 19-9 (CA 19-9), Pancreatic Cyst Fluid

199PT Carbohydrate Antigen 19-9 (CA 19-9), Peritoneal Fluid

CA19 Carbohydrate Antigen 19-9 (CA 19-9), Serum

CEAPC Carcinoembryonic Antigen (CEA), Pancreatic Cyst Fluid

CEAPT Carcinoembryonic Antigen (CEA), Peritoneal Fluid

CEA Carcinoembryonic Antigen (CEA), Serum

CGAK Chromogranin A, Serum

DCP Des-Gamma-Carboxy Prothrombin (DCP), Serum

FOBT Fecal Occult Blood, Colorectal Cancer Screen, Qualitative, Immunochemical

GAST Gastrin, Serum

GLP Glucagon, Plasma

NSE Neuron-Specific Enolase (NSE), Serum

HPP Pancreatic Polypeptide, Plasma

SERU Serotonin, 24 Hour, Urine

SERWB Serotonin, Blood

VIP Vasoactive Intestinal Polypeptide (VIP), Plasma

Genitourinary

AFPSF Alpha-Fetoprotein (AFP), Spinal Fluid

AFP Alpha-Fetoprotein (AFP) Tumor Marker, Serum

BHCG Beta-Human Chorionic Gonadotropin, Quantitative, Serum

BHSG Beta-Human Chorionic Gonadotropin, Quantitative, Spinal Fluid

CEASF Carcinoembryonic Antigen (CEA), Spinal Fluid

PSA Prostate-Specific Antigen (PSA) Diagnostic, Serum

SPSA Prostate-Specific Antigen (PSA) Screen, Serum

PHIND Prostate Health Index (phi), Serum

PSAFT Prostate-Specific Antigen (PSA), Total and Free, Serum

Gynecology

BHCG Beta-Human Chorionic Gonadotropin, Quantitative, Serum

CA125 Cancer Antigen 125 (CA 125), Serum

HE4R Human Epididymis Protein 4, Serum

INHA Inhibin A, Tumor Marker, Serum

INHAB Inhibin A and B, Tumor Marker, Serum

INHB Inhibin B, Serum

ROMA Ovarian Malignancy Risk Algorithm

Pulmonary

PF199 Carbohydrate Antigen 19-9 (CA 19-9), Pleural Fluid

PFCEA Carcinoembryonic Antigen (CEA), Pleural Fluid

NSE Neuron-Specific Enolase (NSE), Serum

ADDITIONAL TESTS
(INDICATE TEST CODE AND NAME)