

# TEST REQUISITION

## Client Information

Account #: \_\_\_\_\_  
 Account Name: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Street Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_

## Billing Information for Orders by Non-Members

Required: Please include face sheet and front/back of patient's insurance card.

Specimen Origin  Hospital Patient (in)  Hospital Patient (out)  
 (Must Choose 1):  Non-Hospital Patient

Bill to:  Client Bill  Insurance  Medicare  
 Medicaid  
 Patient/Self-Pay  
 Bill charges to other Hospital/Facility: \_\_\_\_\_  
 \_\_\_\_\_  
 ICD code (required) \_\_\_\_\_

## Diagnosis/Patient History

### Solid Tumors

Type:  NSCLC  Colorectal Cancer  Melanoma  
 Ovarian  Breast  Brain  Prostate  
 Endometrial  Stomach  Esophageal  
 Other, Specify: \_\_\_\_\_  
 \_\_\_\_\_

Stage:  Primary  Metastasis  
 If Metastasis, list Primary: \_\_\_\_\_  
 Relapse  ICD code \_\_\_\_\_  
 Other Stage \_\_\_\_\_

Please include most recent copy of pathology report

### Hematologic Tumors

Type:  AML  MDS  MPN  DLBCL  ALL  
 CLL  Lymphoma  Myeloma  
 Other, Specify: \_\_\_\_\_  
 \_\_\_\_\_

Other Relevant Information: **Ethnicity:** \_\_\_\_\_  
**Family History** \_\_\_\_\_  
**Other:** \_\_\_\_\_

Please include most recent copy of pathology report and CBC

## Patient Information

Last Name: \_\_\_\_\_  
 First Name: \_\_\_\_\_  
 M.I.: \_\_\_\_\_ Gender:  Male  Female  
 Date of Birth: (mm/dd/yyyy) \_\_\_\_\_  
 Medical Record #: \_\_\_\_\_  
 Requisition completed by: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Ordering Physician (please print: Last, First): \_\_\_\_\_  
 NPI#: \_\_\_\_\_  
 Treating Physician (please print: Last, First): \_\_\_\_\_

The undersigned certifies that he/she is licensed to order the test(s) listed below and that such test(s) are medically necessary for the care/treatment of this patient.

Authorized Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

## Specimen Information

Collection Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Specimen ID/ Block ID: \_\_\_\_\_  
 Fixative/Preservative:  10% Neutral Buffered Formalin  Other \_\_\_\_\_  
 Hospital Discharge Date: \_\_\_\_\_  
 Body Site: \_\_\_\_\_  
 Peripheral Blood: EDTA-Purple Top(s) \_\_\_\_\_ Other \_\_\_\_\_  
 Bone Marrow: EDTA-Purple Top(s) \_\_\_\_\_ Other \_\_\_\_\_  
 Fluid: CSF \_\_\_\_\_ Pleural \_\_\_\_\_ Other: \_\_\_\_\_  
 FNA cell block: \_\_\_\_\_  
 Slides # \_\_\_\_\_ Unstained \_\_\_\_\_ Stained \_\_\_\_\_  
 H&E \_\_\_\_\_  Paraffin Block(s) #: \_\_\_\_\_

\* For Single Gene Testing visit our website [HERE](#)

## Test Selection

Solid Tumors Tests	Type	Genes
<input type="checkbox"/> GTC-Solid Tumor Profile	DNA	434
<input type="checkbox"/> GTC-Solid Tumor Fusion/Expression Profile	RNA	1408
<input type="checkbox"/> GTC-Solid Tumor Profile Plus	DNA & RNA	434/1408
<input type="checkbox"/> GTC-Liquid Biopsy, Solid Tumor Monitoring	DNA	275
<input type="checkbox"/> Additional Option: <b>IHC Testing PD-L1</b>	IHC	
<input type="checkbox"/> <input type="checkbox"/> PD-L1 (22c3) <input type="checkbox"/> PD-L1 (SP142) <input type="checkbox"/> PD-L1 (28-8)		
<input type="checkbox"/> <b>Single Gene Testing * :</b> _____		
Hematologic Tumors Tests	Type	Genes
<input type="checkbox"/> GTC-Hematology Profile	DNA	177
<input type="checkbox"/> GTC-Hematology Fusion/Expression Profile	RNA	1408
<input type="checkbox"/> GTC-Hematology Profile Plus	DNA & RNA	177/1408
<input type="checkbox"/> GTC-Liquid Biopsy, Hematology Profile	DNA	177
<input type="checkbox"/> <b>Single Gene Testing * :</b> _____		

### GTC-Solid Tumor Profile

This test is designed to profile the molecular abnormalities in various solid tumors including glioblastoma and sarcoma, and to provide physicians with clinically actionable information. This profiling covers abnormalities in single nucleotide abnormalities and insertions/deletions in 434 genes along with testing for microsatellite instability (MSI) and tumor mutational burden (TMB). The provided information helps in determining prognosis, designing therapeutic approach and predicting response to therapy. **GTC-Liquid Biopsy, Solid Tumor Monitoring** is for monitoring after establishing molecular abnormalities using a baseline tissue sample, and uses cfDNA in peripheral blood plasma to identify molecular abnormalities in 275 genes implicated in solid tumors. **GTC-Solid Tumor Profile Plus** combines the analysis of DNA with RNA analysis to detect fusion genes and expression.

Genes Tested for Abnormalities in coding sequence*																			
ABC7	AURKA	BTB	CDKN2A	DDX41	EXO1	FGFR2	GLI1	IGF1R	KIT	MDM4	NKX2-1	PIK3C2B	PTEN	RNF168	SMARCB1	TCF3	WISP3		
ABL1	AURKB	C11ORF30	CDKN2B	DICER1	EZH2	FGFR3	GLI2	IGF2	KLF1	MED12	NLRP3	PIK3CA	PTPN11	RNF43	SMC1A	TCIRG1	WT1		
ABL2	AURKC	C15ORF41	CDKN2C	DKC1	FAM175A	FGFR4	GNA11	IKBKE	KLHL6	MEF2B	NME1	PIK3CB	OKI	ROS1	SMC3	TERC	XPO1		
ACD	AXIN1	CALR	CEBPA	DNM2	FAM46C	FH	GNA13	IKZF1	KLLN	MEFV	NOPT0	PIK3CG	RAB27A	RPTOR	SMO	TERF1	XRCC2		
ACVR1B	AXIN2	CARD11	CHD2	DNMT3A	FANCA	FLCN	GNAQ	IKZF3	KMT2A	MEN1	NOTCH1	PIK3R1	RAC1	RTEL1	SNCAIP	TERF2	XRCC3		
ADA	AXL	CBFB	CHD4	DOT1L	FANCB	FLI1	GNAS	IL2RG	KMT2B	MET	NOTCH2	PIK3R2	RAD21	RUNX1	SOC1	TERF2IP	ZBTB2		
AK2	B2M	CBL	CHEK1	EED	FANCC	FLT1	GPR124	IL7R	KMT2C	MITF	NOTCH3	PIM1	RAD50	RUNX1T1	SOX10	TERT	ZNF217		
AKT1	BAP1	CBLB	CHEK2	EGFR	FANCD2	FLT3	GRM1	INHBA	KMT2D	MLH1	NPM1	PLCG1	RAD51	SAMD9L	SOX2	TET2	ZNF703		
AKT2	BAR1	CBL	CIC	EGLN1	FANCE	FLT4	GRIN2A	INPP4B	KRAS	MPL	NRAS	PLCG2	RAD51B	SBDS	SOX9	TGFBR2	ZRSR2		
AKT3	BCL2	CCND1	CREBBP	ELANE	FANCF	FOXL2	GRM3	IRF2	LIG4	MRE11A	NROB1	PMS1	RAD51C	SBF2	SPEN	TNFAIP3			
ALK	BCL2L1	CCND2	CRKL	EP300	FANCG	FOXP1	GSK3B	IRF4	LMO1	MSH2	NSD1	PMS2	RAD51D	SDHA	SPOP	TNFRSF14			
AMER1	BCL2L2	CCND3	CRLF2	EPAS1	FANCI	FRS2	GSK3IP	IRS2	LPIN2	MSH6	NTRK1	POLD1	RAD54L	SDHB	SPTA1	TNFRSF1A			
ANKRD26	BCL6	CCNE1	CSF1R	EPCAM	FANCL	FUBP1	H3F3A	JAGN1	LRP1B	MTOR	NTRK2	POLE	RAF1	SDHC	SRC	TOP1			
APC	BCOR	CD274	CSF3R	EPHA3	FANCM	GPC3	HAX1	JAK1	LYN	MUTYH	NTRK3	POT1	RANBP2	SDHD	SRSF2	TOP2A			
AR	BCORL1	CD79A	CTC1	EPHA5	FAS	GABRA6	HGF	JAK2	LYST	MVK	NUP93	PPM1D	RARA	SEC23B	STAG2	TP53			
ARAF	BCR	CD79B	CTCF	EPHA7	FAT1	GALNT12	HIST1H3B	JAK3	LZTR1	MYC	PAK3	PPP2R1A	RB1	SETBP1	STAT3	TRAF3			
ARFRP1	BIRC3	CDAN1	CTNNA1	EPHB1	FBXW7	GATA1	HNF1A	JUN	MAG1	MYCL	PALB2	PRDM1	RBBP6	SETD2	STAT4	TSC1			
ARID1A	BLM	CD7C3	CTNNB1	ERBB2	FGF10	GATA2	HOXA11	KAT6A	MAP2K1	MYCN	PARK2	PREX2	RBM10	SF3B1	STAT6	TSC2			
ARID1B	BMPR1A	CDH1	CUL3	ERBB3	FGF14	GATA3	HOXB13	KDM5A	MAP2K2	MYD88	PAX5	PRKAR1A	REEP5	SLT2	STK11	TSHR			
ARID2	BRAF	CDK12	CUX1	ERBB4	FGF19	GATA4	HRAS	KDM5C	MAP2K4	NBN	PBRM1	PRKCI	RTM8A	SLX4	SUFU	U2AF1			
ASXL1	BRCA1	CDK4	CXCR4	ERCC4	FGF23	GATA6	HSD3B1	KDM6A	MAP3K1	NF1	PDCD1LG2	PRKDC	RET	SMAD2	SUZ12	U2AF2			
ATG2B	BRCA2	CDK6	CYLD	ERG	FGF3	GEN1	HSP90AA1	KDR	MAP3K14	NF2	PDGFRA	PRSS1	RHEB	SMAD3	SYK	VEGFA			
ATM	BRD4	CDK8	DAXX	ERRF1	FGF4	GF1	ID3	KEAP1	MAPK1	NFE2L2	PDGFRB	PRSS8	RHOA	SMAD4	TAF1	VHL			
ATR	BRIP1	CDKN1A	DDR2	ESR1	FGF6	GF1B	IDH1	KEL	MCL1	NFKBIA	PDK1	PSTPIP1	RICTOR	SMAD9	TAL1	WAS			
ATRX	BTG1	CDKN1B	DDX11	ETV6	FGFR1	GID4	IDH2	KIF23	MDM2	NHP2	PHF6	PTCH1	RIT1	SMARCA4	TBX3	WHSC1			

\* Microsatellite markers BAT25, BAT26, D2S123, D5S346, and D17S250 are included.

### GTC-Solid Tumor Fusion/Expression Profile

This test is designed to profile the molecular abnormalities in various solid tumors including glioblastoma and sarcoma and to provide physicians with clinically actionable information. This profiling provides clinically relevant information on translocations and expression of 1,408 cancer-specific genes with a focus on 55 genes below implicated in solid tumors. This assay is designed to detect various translocations involving ALK, ROS1, RET, NTRK, genes involved in sarcoma and other neoplasms. In addition, expression of genes of clinical relevance is reported including MYC, PD-L1 and others.

Fusion/Expression													
ABL1	BCL2	CBFB	ERG	FGFR2	FOXO1	IKZF3	MAP3K1	NTRK1	NUP98	PICALM	RHOA	SS18	TCF3
AKT3	BCL6	CIC	ETV6	FGFR3	FUS	JAK2	MECOM	NTRK2	PDGFRA	PML	ROS1	STAT6	TFG
ALK	BRAF	CREBBP	EWSR1	FIP1L1	GLI1	KIAA1549	MYC	NTRK3	PDGFRB	RARA	RUNX1	TAFG	YWHAE
BCL1	CAMTA1	EGFR	FGFR1	FLAG1	HMG2	KMT2A	NOTCH1	NUP214	PD-L1	RET	RUNX1T1	TAL1	

### GTC-Hematology Profile

This test is designed to profile the molecular abnormalities in various leukemias, lymphoma and myeloma. The assay is used for stratifying patients and determining prognosis and selecting therapy. This assay is excellent for confirming the diagnosis of MDS and differentiating it from CCUS, ICUS and CHIP. **GTC-Liquid Biopsy, Hematology Profile** is the same, but performed on cfDNA in peripheral blood plasma. **GTC-Hematology Profile Plus** combines expression and fusion, and provides complete profiling for abnormalities in hematologic neoplasms including the diagnosis of Ph- and Ph-like acute lymphoblastic leukemia, double and triple hit DLBCL, as well as classification of DLBCL as GCB or ABC.

Hematology Genes Tested for Abnormalities in coding sequence												
ABL1	BCL2	CBL	CDKN2C	DICER1	FAS	IDH2	KMT2A	MPL	PAX5	PTCH1	SMAD2	TGFBR2
AKT1	BCL2L1	CBLB	CEBPA	DNMT3A	FBXW7	IGF1R	KMT2B	MRE11A	PBRM1	PTEN	SMAD4	TP53
AKT2	BCL6	CBL	CHEK1	EP300	FLT3	IKZF1	KMT2C	MTOR	PDGFRA	PTPN11	SMARCA4	TSC1
AKT3	BCOR	CCND1	CHEK2	ERG	GATA1	IKZF3	KMT2D	MUTYH	PDGFRB	RAD21	SMARCB1	TSC2
ALK	BCORL1	CCND3	CIC	ETV6	GATA2	IRF4	KRAS	MYC	PHF6	RAD50	SMC1A	TSHR
AMER1	BCR	CD274	CREBBP	EZH2	GATA3	JAK1	MAP2K1	MYD88	PIK3CA	RAD51	SMO	WT1
APC	BIRC3	CD79A	CRLF2	FAM175A	GEN1	JAK2	MAP2K2	NFKBIA	PIK3R1	RB1	SOC1	ZNF217
ARID1A	BLM	CD79B	CSF1R	FAM46C	GNAQ	JAK3	MAP2K4	NOTCH1	PIK3R2	RHOA	SRC	ZRSR2
ARID1B	BRAF	CDH1	CSF3R	FANCA	GNAS	KAT6A	MAP3K1	NOTCH2	PIK3R2	RNF43	SRSF2	MEF2B
ARID2	BRCA1	CDK12	CTNNA1	FANCC	H3F3A	KDM5C	MAP3K14	NOTCH3	PLCG1	RUNX1	STAG2	
ASXL1	BRCA2	CDK4	CTNNB1	FANCD2	HNF1A	KDM6A	MAPK1	NPM1	POLD1	SDHB	STAT3	
ATM	BTB	CDK6	CUX1	FANCE	HOXB13	KDR	MCL1	NRAS	POLE	SETBP1	STK11	
ATRX	CALR	CDKN2A	CXCR4	FANCF	HSP90AA1	KEAP1	MDM2	NSD1	PPM1D	SETD2	TERT	
B2M	CARD11	CDKN2B	DDR2	FANCG	IDH1	KIT	MDM4	PALB2	PPP2R1A	SF3B1	TET2	

### GTC-Hematology Fusion/Expression Profile

This test provides clinically relevant information on translocations and expression of 1,408 genes with a focus on 67 specific genes below associated with hematologic neoplasms. This assay is designed to detect various translocations involving ABL1, RUNX1, BCL2, RARA, PAX5, JAK2, CBFB and other genes involved in leukemia, lymphoma, and myeloma.

Fusion/Expression																
ABL1	ALK	BRAF	CREBBP	EPOR	ETV5	FGFR2	FOXO1	JAK1	MAP3K1	NOTCH1	NUP214	PCM1	PICALM	RET	RUNX1T1	TCF3
ABL2	BCL1	CBFB	CRLF2	ERG	ETV6	FGFR3	FUS	JAK2	MECOM	NTRK1	NUP98	PDGFRA	PML	RHOA	SS18	TCF3
AKT3	BCL2	CBL	CSF1R	ETV1	EWSR1	FIP1L1	GLI1	KMT2A	MYC	NTRK2	P2RY8	PDGFRB	PTK2B	ROS2	STAT6	TFG
ALK	BCL6	CIC	EGFR	ETV4	FGFR1	FLT3	IKZF3	KRT18P6	MYH9	NTRK3	PBX1	PD-L1	RARA	RUNX1	TAL1	TYK2