

GTC-Solid Tumor Fusion/Expression Profile

This test provides clinically relevant information on translocations and expression of cancer-specific genes. This assay is designed to detect various translocations involving more than 60 genes, including ALK, ROS1, RET, NTRK1, NTRK2, NTRK3, BRAF, CIC, EWSR1, PD-L1, and others. This also covers screening for sarcoma translocations and aids in sarcoma diagnosis and classification. In addition, expression of genes of clinical relevance is reported including MYC, PD-L1, and others.

Specimen Requirements:

-FFPE: 1 H&E slide and 6-8 unstained slides, 5-7 microns of tissue fixed with 10% NBF fixative. Please circle tumor for microdissection. Alternatively, the FFPE block can be sent for tumor circling and cutting at our laboratory.

Shipping:

Ship using cold pack. The cold pack should not directly contact specimen. Ship As soon as sample collected with overnight delivery.

Turn Around Time:

7-10 days

Tested Genes

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	HMGA2	KMT2A	NOTCH1	NUP214	PD-L1	RET	RUNX1T1	TAL1	