

ABOUT THE PULMOCORE COMPREHENSIVE PANEL

The PulmoCORE Comprehensive panel is a multi-gene NGS based panel that can be run both on tissue as well as blood. This panel screens for all the NCCN recommended genes that are frequently altered in lung cancer such as EGFR, ALK, ROS1, MET, RET, ERBB2, KRAS, NTRK1 and BRAF.

Additionally, this test also screens for MSI and PD-L1 expression to provide solutions for both targeted as well as immunotherapy.

Circulating Tumor DNA (ctDNA)

EGFR	Full Exon 18, 19, 20, 21 coverage including: L858R, L861Q, G719X, S768I, T790M, point mutations and more Exon 20 insertions and more Exon 19 deletions and more	MET	Amplifications Exon 14 skipping mutations
ALK	EML4-ALK fusions and more ALKF1174L, L1196M point mutations and more	RET	KIF5B, CCDC6 fusions and more
ERBB2	Point mutations Exon 20 insertions	ROS1	CD74, SDC4, SLC34A2, EZR, TPM3 fusions and more G2032R D2033N L2155S point mutations
BRAF	V600E/K point mutation	NTRK1	LMNA, TFG, TPM3, TP53 fusions and more
KRAS	G12X, G13X, Q61X, and other point mutations CNVs	MSI	Microsatellite instability in: BAT-25 BAT-26 NR-21 NR-24

Circulating Tumor Cells (CTC)

PD-L1	Expression
--------------	-------------------



and MORE