

ABOUT THE PULMOCORE 5 GENE PANEL

Test Name	pulmoCORE 5 gene panel	
Clinical Utility	pulmoCORE 5 gene panel is a Next Generation Sequencing (NGS) based assay that identifies clinically relevant genomic alterations within the 5 genes (EGFR, ALK, ROS, MET, BRAF) that are most frequently altered in Non Small Cell Lung Cancer (NSCLC).	
Technology	Next Generation Sequencing (NGS) based technology	
Total FDA approved therapeutic associations	11	
Biomarkers tested	5	
Average Depth Coverage	>500X	
Sensitivity	SNV with a VAF >5%	>99.9%
	Indel with a VAF >10%	>99.9%
Specificity	>99.9%	
Alterations tested by NGS	DNA Mutation (SNV & Indel) testing for EGFR, BRAF, ALK and MET	
	Gene Fusion testing for ALK and ROS1	

VAF: Variant Allele Frequency