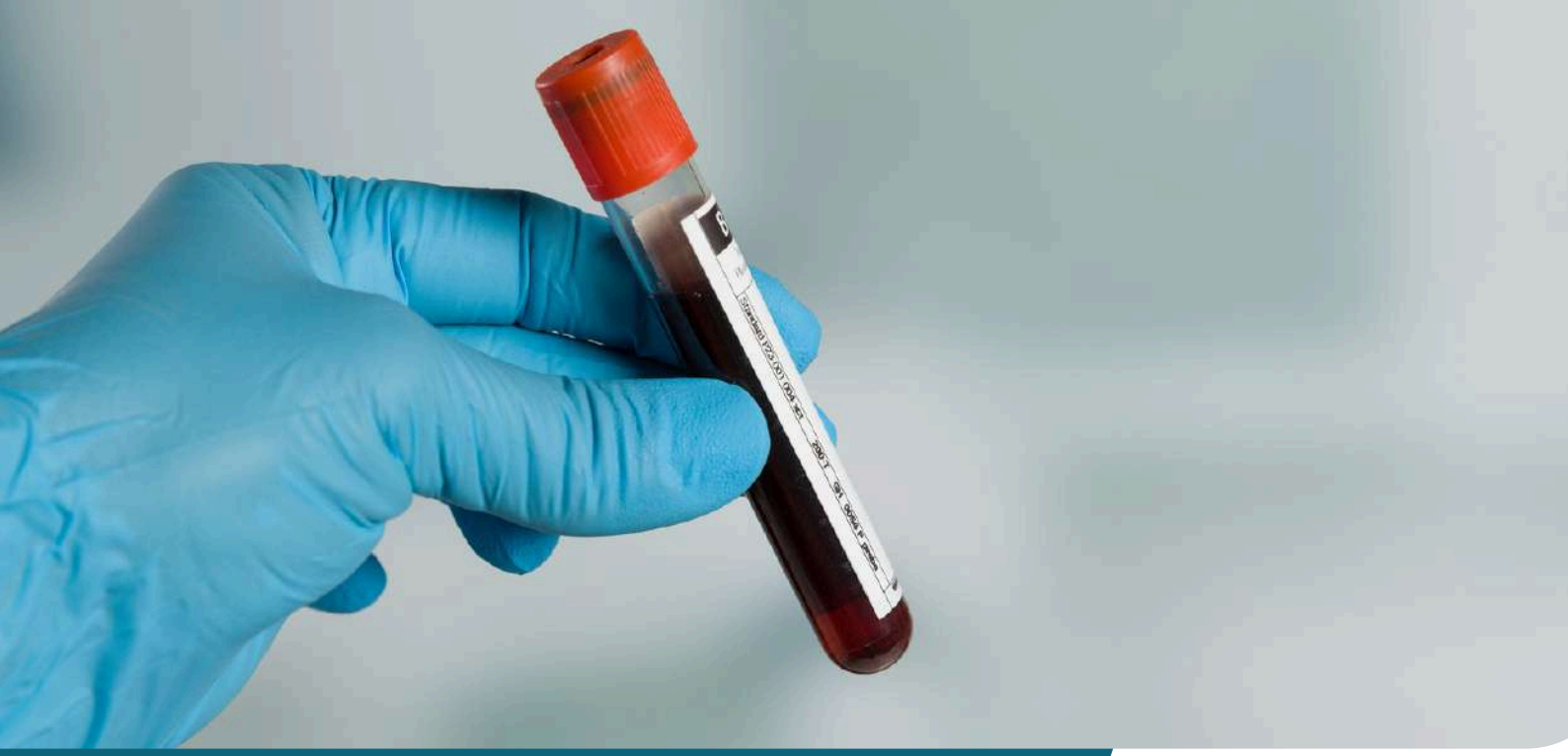

2. LIQUID BIOPSY

52 GENES

2.1 OncoProfile Liquid GENERAL 52

This test provides relevant results in patients regarding: tumor heterogeneity, detection of treatment-resistant clones, and detection of recurrence earlier than imaging tests.

The general test is capable of evaluating 52 genes with proven clinical utility in cell-free tumor DNA (ctDNA), including key targets recognized by experts (SNVs, InDels, CNVs, and gene fusions).

Hotspot Genes				CNVs	Fusion Genes
AKT1	*ERBB3*	*KIT*	*SF3B1*	*CCND1*	*ALK*
ALK	*ERG*	*KRAS*	*SMAD4*	*CCND2*	*BRAF*
APC	*ESR1*	*MAP2K1*	*SMO*	*CCND3*	*ERG*
AR	*ETV1*	*MAP2K2*	*TP53*	*CDK4*	*ETV1*
ARAF	*FBXW7*	*MET*		*CDK6*	*FGFR1*
BRAF	*FGFR1*	*MTOR*		*EGFR*	*FGFR2*
CCND1	*FGFR2*	*MYC*		*ERBB2*	*FGFR3*
CCND2	*FGFR3*	*NRAS*		*FGFR1*	*MET*
CCND3	*FGFR4*	*NTRK1*		*FGFR2*	*NTRK1*
CDK4	*FLT3*	*NTRK3*		*FGFR3*	*NTRK3*
CDK6	*GNA11*	*PDGFRA*		*MET*	*RET*
CHEK2	*GNAQ*	*PIK3CA*		*MYC*	*ROS1*
CTNNB1	*GNAS*	*PTEN*			
DDR2	*HRAS*	*RAF1*			
EGFR	*IDH1*	*RET*			
ERBB2	*IDH2*	*ROS1*			

- 52 genes
- >900 Hotspots e Indels
- 12 CNVs
- Librería única a partir de ADN y ARN
- Cobertura extendida de TP53
- MET exon 14 skipping
- 272 amplicons
- 96 fusions

14 GENES

2.2 Oncoprofile Liquid COLORRECTAL 14

Our test provides relevant results for patients in terms of tumor heterogeneity, detection of treatment-resistant clones, and detection of recurrence earlier than imaging tests.

The test includes 14 genes with proven clinical utility in cell-free tumor DNA (ctDNA) present in blood plasma.

Genes	
AKT1	*GNAS*
APC	*KRAS*
BRAF	*MAP2K1*
CTNNB1	*NRAS*
EGFR	*PIK3CA*
ERBB2	*SMAD4*
FBXW7	*TP53*

- 14 genes
- 49 amplicons
- 236 Hotspots e Indels

12 GENES

2.3 OncoProfile Liquid MAMA 12

The test evaluates 12 genes with proven clinical utility in cell-free tumor DNA (ctDNA) present in blood plasma.

Our test provides patients with relevant results regarding tumor heterogeneity, detection of treatment-resistant clones, and detection of recurrence earlier than imaging tests.

Genes	
AKT1	*FBXW7*
CCND1	*FGFR1*
EGFR	*KRAS*
ERBB2	*PIK3CA*
ERBB3	*SF3B1*
ESR1	*TP53*

- 12 genes
- 76 amplicons
- >150 hotspots
- CNVs: *CCND1*, *ERBB2*, *FGFR1*
- Amplia cobertura de *TP53*

12 GENES

2.4 OncoProfile Liquid LUNG 12

Our test is capable of evaluating 12 genes with proven clinical utility in cell-free tumor DNA (ctDNA) present in blood plasma.

Our test provides patients with relevant results regarding: tumor heterogeneity, detection of treatment-resistant clones, and detection of recurrence earlier than imaging tests.

Genes		Fusion Genes
ALK	*NRAS*	*ALK*
BRAF	*PIK3CA*	*ROS1*
EGFR	*RET*	*RET*
ERBB2	*ROS1*	
KRAS	*TP53*	
MAP2K1		
MET		