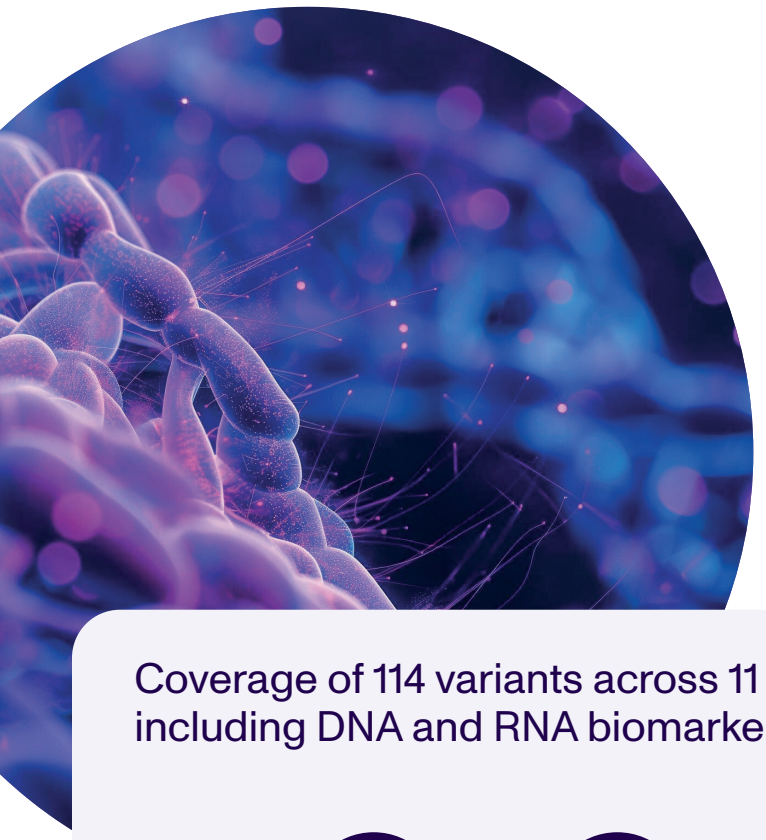
Your first test for fast, actionable treatment decisions for patients with NSCLC*

Aspyre®
Clinical Test

Simple, fast, reliable detection of NSCLC biomarkers from tissue or blood within 2 days.



For the Laboratory

Aspyre Clinical Test for Lung provides real solutions for the laboratory.

2-Day Turnaround Time

98% of results provided within 2 days vs. 10-14 days with NGS, enabling earlier treatment decisions.

Tissue or Blood

Can be used on either blood or tissue samples with tumor content as low as 10%. Reflex option to blood if needed.

Proven Performance with Challenging Samples

25-40% of lung cancer tissue samples fail NGS. Aspyre provides actionable clinical information from samples deemed to be insufficient quantity (QNS) or failed NGS QC. Challenging samples include pleural effusions, fine needle aspirates and others.[1]

Directly Analyzes Both DNA and RNA in One Test

The Aspyre Clinical Test for Lung detects somatic mutations from DNA, and gene fusions directly from RNA maximizing the opportunity to identify mutations and fusions, while avoiding the additional time and expense of running separate assays.

High Sensitivity & Specificity

Aspyre is more sensitive than both NGS and single-gene PCR tests, providing a greater likelihood of detecting an actionable variant.

Low QC Failure Rates vs. NGS

The Aspyre Clinical Test for Lung has demonstrated successful results in 98% of samples that failed NGS due to QC failure.[2]

[1]Hagemann, I. S., Devarakonda, S.,Lockwood, C. et al. Clinical next-generation sequencing in patients with non-small cell lung cancer. Cancer, 121(4), 631-639.
[2]AACR Poster 2024, https://www.abstractsonline.com/pp8/#!/20272/presentation/10387
*Non-small cell lung cancer

Coverage of 114 variants across 11 genes, including DNA and RNA biomarkers

DNA Based

EGFR · BRAF · KRAS · ERBB2

RNA Based

ALK · ROS1 · RET · MET · NTRK1 · NTRK2 · NTRK3

Biofidelity

biofidelity.com

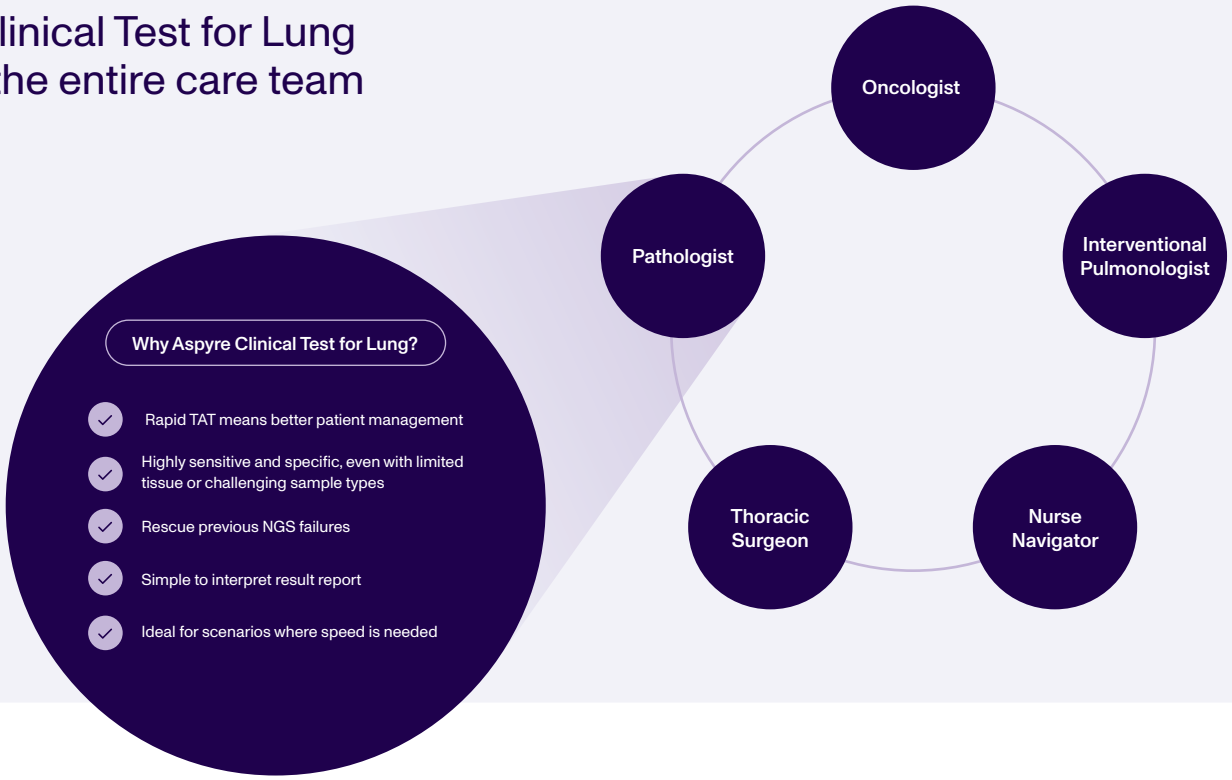
Your first test for fast, actionable treatment decisions for patients with NSCLC

Aspyre®
Clinical Test

Aspyre Clinical Test for Lung: Best-in-class tissue and liquid biopsy performance from DNA and RNA

	Tissue			Blood		
	DNA SNVs & Indels	**RNA** Fusions	**MET** Exon 14 skipping	**DNA** SNVs & Indels	**RNA** Fusions	**MET** Exon 14 skipping
Sensitivity (Median panel-wide LoD95)	3% VAF	100 amplifiable copies	200 amplifiable copies	0.3% VAF	6 amplifiable copies	100 amplifiable copies
Specificity	100%	100%	100%	100%	100%	100%

Aspyre Clinical Test for Lung benefits the entire care team



Performing Research?

Ask about Aspyre Lung Reagents for Research Use Only.

Our Commitment to Service

We're committed to exceptional customer support, at every step. If you need assistance, please reach out.

E customerservice@biofidelity.com
P (919) 659-3285

MKTCLIN-12

We believe in the power of simple.

At Biofidelity, we're working towards a world where everyone has access to the power of genomics. Our revolutionary technologies simplify genomic analysis, opening the door to lifesaving targeted therapies for more patients around the world.

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