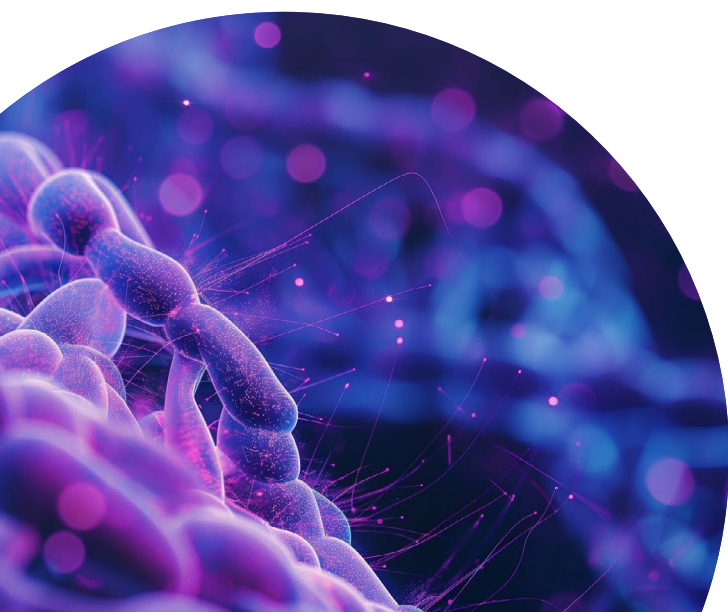


Fast, simple, decentralized testing for NSCLC* biomarkers.



For the Laboratory

Aspyre[®] Lung identifies established NSCLC biomarkers in tissue or blood.

Simple

A straightforward, 4-step workflow on existing qPCR platforms. No need to invest in expensive hardware, data handling, or bioinformatics.

Fast

Aspyre Lung Reagents can provide results in hours, enabling rapid input into NSCLC research.

Reliable

100% specificity, with the ability to consistently generate results from poor quality samples.

Decentralized

With simple integration into your laboratory, Aspyre Lung Reagents enable lightning-fast analysis on samples you control.

Complimentary Data Analysis

No need for complex bioinformatics. Biofidelity provides fast, simple cloud-based software at no additional cost.

DNA & RNA from Tissue or Blood

Simultaneously analyze DNA & RNA from tissue or blood, maximizing the opportunity to identify mutations and fusions, while avoiding the time and expense of running separate assays or missing fusion positive samples.

*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

Aspyre 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)	1.10% VAF	8 amplifiable copies	262 amplifiable copies	0.19% VAF	1 amplifiable copy	69 amplifiable copies
Specificity	100%	100%	100%	100%	100%	100%

Simple workflow enables straightforward adoption without new instrumentation, staffing or IT.

	DNA RNA	Target Amplification	Enzymatic Clean Up Reaction	Aspyre Reaction	Detection Reaction	Data Analysis
Instrument Requirements		Thermal cycler	Thermal cycler	Thermal cycler	Real-time PCR Instrument	Desktop Computer
Hands-On Time		30 mins	10 mins	35 mins	15 mins	5 mins
Incubation Time		1 hour 25 mins	15 mins	35 mins	3 hours 30 mins	

Handles challenging sample types in addition to tissue and blood

- ✓ Keep more samples under your control
- ✓ Challenging samples include FNAs & FNA washes, peritoneal fluid, pleural effusions
- ✓ Multiple sample types have been successfully analyzed at multiple sites, with high concordance between sites & with NGS

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

MKTREAGENTS-3

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.



Sign up for our newsletter!

Learn about the latest advancements at Biofidelity