

At Circulogene, we are committed to providing you with the highest level of care using the latest advancements in medical testing. As part of our services, we may utilize Circulogene's LungLifeAI and OncoGenLDx CGP (Comprehensive Genomic Profile) testing, which are performed using a small blood sample to gather additional insights for your healthcare provider. This testing, combined with other clinical information, helps guide the next steps in your care plan.





## What is Liquid Biopsy?





Liquid biopsy is a simple, noninvasive blood test that detects specific biomarkers in your bloodstream, offering a clearer picture of potential health concerns and underlying conditions. LungLifeAI looks at molecular biomarkers for risk assessment of pulmonary nodules and OncoGenLDx provides a comprehensive genomic profile (CGP) including plasma PD-L1, DNA, RNA, MSI, and TMB.

### LungLifeAI

**LungLifeAI: Clinical Utility** - A more accurate assessment of pulmonary nodules.

#### Key Benefits:

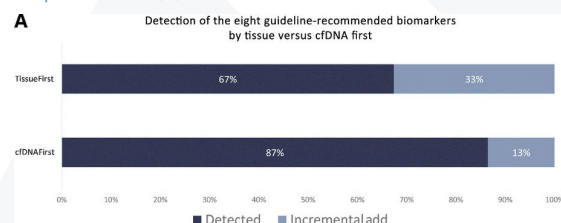
-  **NON-INVASIVE BLOOD-BASED TEST**
-  **IMPROVES EARLY LUNG CANCER DETECTION**
-  **ENHANCES CLINICAL DECISION-MAKING**
-  **NOW INCLUDED IN THE NATIONAL CANCER INSTITUTE EARLY DETECTION RESEARCH NETWORK AS A CLIA-APPROVED TEST.**

-  **Noninvasive**  
Requires only a small blood sample.
-  **Accurate Results**  
Identifies genetic information and matches findings with FDA-approved options.
-  **Fast Turnaround**  
Delivers results more quickly than traditional methods.
-  **Responsive Monitoring**  
Enables frequent adjustments to care protocols.

### OncoGenLDx

#### **GUIDELINE-COMPLETE FOR ALL STAGES OF NSCLC**

Full 486 gene molecular profiling **at diagnosis**, including **PD-L1 cfRNA analysis, DNA, RNA, MSI, TMB, and PD-L1 in one week**, providing a clearer picture than tissue biopsies alone [3].



#### **FASTER TURNAROUND = MORE LIVES SAVED**

Liquid biopsy can cut molecular testing turnaround by up to **5 weeks**, ensuring oncologists can make **treatment decisions at the initial consult** [1].

#### **COMPLEMENTARY TO TISSUE**

Detects **low-frequency mutations and immune activity** with high sensitivity, **eliminating false negatives and missed targets** common with tissue testing alone [3].

#### **FEWER DELAYS, FEWER COSTS, BETTER OUTCOMES**

Avoid repeat biopsies, reduce toxicity risks, and get the **right treatment started sooner**—according to a study published in the Journal of Thoracic Oncology [2].

## How Does This Test Help Me?

The CIRCULOGENE molecular tests allow you and your physician to take control of your health with advanced diagnostics. This test empowers your doctor to profile potential abnormalities, monitor responsiveness, and adjust treatment plans as needed.

## Why Am I Having the Test?




Your physician recommended this test after they found a pulmonary nodule in your CT scan. Most lung nodules are not cancer. They are more frequently the result of infections, scar tissue, inflammation, or other causes. But tests are often needed to be sure a nodule is not cancer. Your doctor requested this test to provide more information.

## What Do I Do Next?

If your doctor offers an **In Office Blood Draw**, please have them complete the LungLifeAI test according to the supplied instructions. They will draw the sample and send everything to our lab.

If your doctor offers a **Home Phlebotomy** option, a licensed professional will visit your home to collect your blood sample, eliminating the need for you to visit a lab.

## Here's What You Can Expect:

	
<b>SCHEDULING YOUR APPOINTMENT</b>	<b>PREPARING FOR THE BLOOD DRAW</b>
Within 24-72 hours, you will receive a call from a home phlebotomy representative to arrange a convenient time for the visit. The appointment should only take 5-10 minutes.	<div><div><b>OPTION 1</b></div><div>A Blood Draw Kit will be sent to you via FedEx Overnight.</div></div> <div></div> <div><div><b>OPTION 2</b></div><div>Contracted phlebotomy group will bring a test kit with them.</div></div>

It's important to note that this test is not a diagnosis, and results should be discussed with your doctor for a full understanding of your health profile.

You may receive a letter from Circulogene regarding our process for working with your insurance. Please note, this is not a bill. Additionally, if you receive an Explanation of Benefits (EOB) from your insurance, it is for your records only, and no action is required on your part.

Circulogene will bill Medicare directly and accept Medicare payment as full payment. Most private insurance plans also cover Circulogene testing. If a private insurance company denies coverage, Circulogene will handle all appeals on your behalf. We are dedicated to ensuring you receive the necessary care, so if needed, our Financial Assistance Program is available to help cover any remaining costs.

For any questions or additional information regarding the testing process, please feel free to contact Circulogene directly at **855-614-7083**.

Thank you for choosing Circulogene. We are here to support you every step of the way.

Sincerely,

**THE CIRCULOGENE TEAM**

BECAUSE IT *Matters*

## References

1. Plasma Genotyping at the Time of Diagnostic Tissue Biopsy Decreases Time-to-Treatment in Patients With Advanced NSCLC—Results From a Prospective Pilot Study Aggarwal C, Thompson JC, Black TA, et al. *J Thorac Oncol.* 2022;17(5):681–689. doi:10.1016/j.jtho.2021.12.005
2. The Economic Value of Liquid Biopsy for Genomic Profiling in Advanced Non–Small Cell Lung Cancer Merino MJ, Parikh AR, Li X, et al. *Ther Adv Med Oncol.* 2022;14:17588359221112696. doi:10.1177/17588359221112696
3. Clinical Utility of Comprehensive Cell-Free DNA Analysis to Identify Genomic Biomarkers in Patients With Newly Diagnosed Metastatic Non–Small Cell Lung Cancer Leighl NB, Page RD, Raymond VM, et al. *Clin Cancer Res.* 2019;25(15):4691–4700. doi:10.1158/1078-0432.CCR-19-0624