

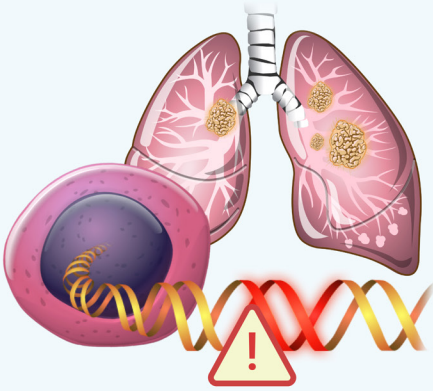
UNDERSTANDING BIOMARKER TESTING IN NON-SMALL CELL LUNG CANCER (NSCLC)

What is a biomarker?

A **biomarker** is a substance found in the blood, urine, or body tissues. In cancer, it is something the body makes in response to the disease.

What is biomarker testing?

Biomarker testing shows specific mutations that drive NSCLC to grow and spread. It can also show changes in the level of a protein called PD-L1.



NSCLC has **20+** known gene mutations

EGFR	⚠️
ALK	
KRAS	
ROS1	⚠️
cMET	⚠️
RET	
NTRK	
BRAF V600E	



Why is biomarker testing so important?

Biomarker testing is a **critical part of every NSCLC diagnosis**. It helps doctors learn more about **your unique type of lung cancer and how best to treat it**. In the past, everyone with lung cancer got the same treatment. Now there are **individualized treatment plans based on biomarkers**.

Your **biomarker report** may be useful for shared decision making, pursuing a second opinion, and pursuing a clinical trial.

Who should have biomarker testing?

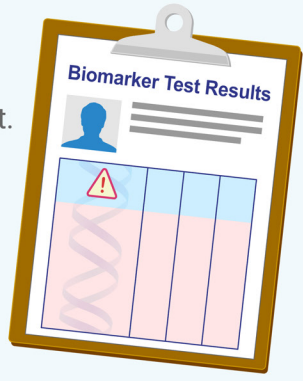
Anyone diagnosed with NSCLC should have biomarker testing. If you did not receive it, talk with your doctor about doing the tests now.



Biomarker testing for African Americans and other minorities

African Americans are likely to have more advanced NSCLC at diagnosis, a longer wait for care, and lower survival rates than white Americans. Biomarker testing is critical to improving care and survival for African Americans with NSCLC. **Be sure to ask your doctor about biomarker testing**.

Some other minorities also tend to have higher lung cancer rates and receive less treatment. If you are **American Indian, Alaska Native, or Pacific Islander**, be sure to ask your doctor about comprehensive biomarker testing.



Please note: This information is not intended to be a substitute for professional medical advice, diagnosis, or treatment. Always consult your doctor about any questions you may have regarding a medical condition.

- References:
1. Ryan BM. Lung cancer health disparities. *Carcinogenesis*. 2018;39(6):741-751.
 2. A Breath of Hope Lung Foundation and Mechanisms in Medicine Inc.: You And Lung Cancer: An Animated Patient's Guide to Lung Cancer. Available at: www.YouAndLungCancer.com

For more information visit:
YouAndLungCancer.com