



# Get tested!

Anyone with lungs can get lung cancer

## BIOMARKER TESTING

### Empowering an accurate lung cancer diagnosis



Did you know that biomarker testing can help to provide information about lung cancer tumours and in turn can help find the best possible treatment options to manage the disease? Learn more about the importance of biomarker testing.

### WHAT ARE BIOMARKERS?

Biomarkers are vital indicators found in your body that can reveal a condition or disease. By understanding the importance of biomarker testing in lung cancer you will be better informed to discuss with your healthcare provider if biomarker testing is an option for you.

### BIOMARKER TESTING

There are many terms used that refer to biomarker testing which can be confusing. However, they all mean the same thing. Common terms used for biomarker testing include molecular testing, tumour mutation testing or profiling, testing for biomarkers, genomic profiling, NGS (next generation sequencing), get your tumour tested, are amongst the many terms. Biomarker testing is a way for healthcare teams to gather as much information as possible about the specific type of lung cancer present, which can help to inform treatment plans.

### BENEFITS OF BIOMARKER TESTING

Discover the possible advantages of biomarker testing in lung cancer:



**Personalised Treatment:**  
Biomarkers can help tailor treatment plans specifically to your cancer type



**Improved Outcomes:**  
From personalised treatment, quality of life and survival rates may be improved



[www.getchecked.eu](http://www.getchecked.eu)

## COMMON BIOMARKERS

There have been over 20 biomarkers identified in lung cancer. Here are some of the most common lung cancer biomarkers that healthcare providers can use to guide treatment decisions:

1. **EGFR** (Epidermal Growth Factor Receptor)
2. **ALK** (Anaplastic Lymphoma Kinase)
3. **ROS1** (ROS Proto-Oncogene 1)
4. **KRAS** (Kirsten Rat Sarcoma Viral Oncogene Homolog)
5. **PD-L1** (Programmed Death-Ligand 1)

## SAMPLES AND TESTING METHODS

Explore the different methods used to test for lung cancer biomarkers:



### Tissue Biopsy

A small sample of lung tissue.



### Liquid Biopsy

For example, a sample of blood.



### Testing methods

Biomarker testing can involve DNA, RNA, and protein analysis to help identify a possible biomarker in a biopsy sample.

## DRIVER MUTATIONS IN LUNG ADENOCARCINOMA<sup>1</sup>

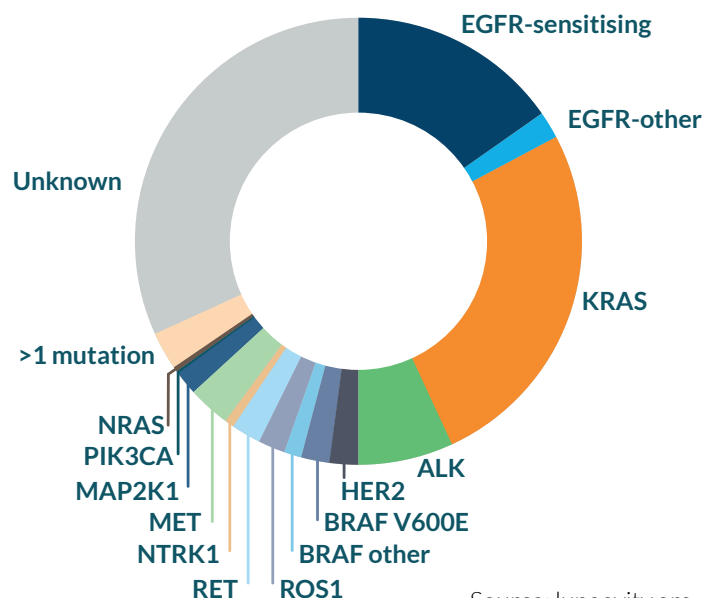
### Definitions<sup>2</sup>

#### Driver mutation

Changes in the DNA sequence of genes that cause cells to become cancer cells and grow and spread in the body.

#### Lung Adenocarcinoma

Cancer that forms in the glandular tissue, which lines the lungs.



Source: [lungevity.org](http://lungevity.org)



Don't wait  
Get **tested!**

Don't wait! Speak with your healthcare provider to discuss if you should have your lung cancer tumour biomarker tested.