



THE IMPORTANCE OF

KRAS G12C Testing

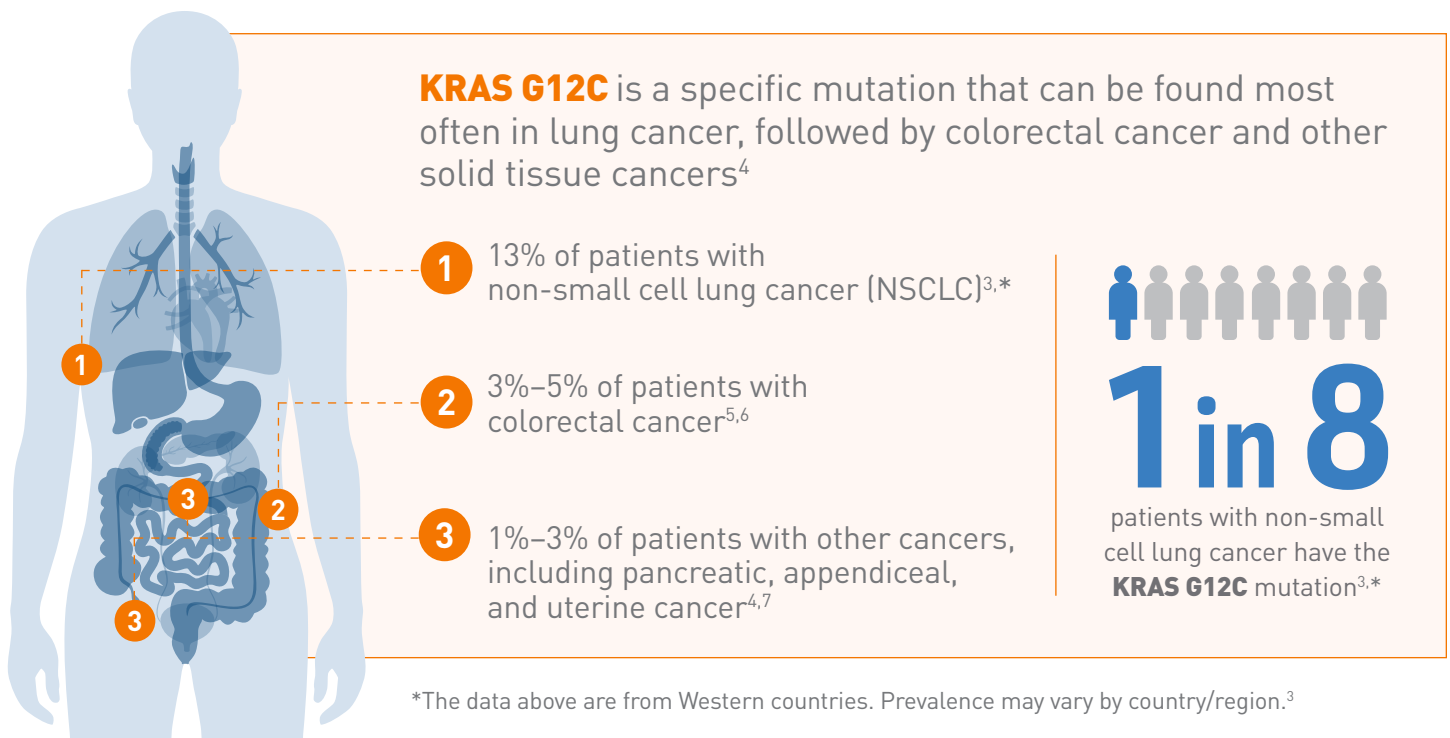
A BIOMARKER IN LUNG CANCER

What are KRAS biomarkers?

- Biomarkers are biological substances found in the blood or tissue that indicate a normal or abnormal process in the body. They can help provide more information about your cancer¹
- KRAS is a protein in your body that controls how cells grow²
- Mutations in the KRAS protein can make cancer grow²

Mutated KRAS is a biomarker that can tell a doctor more about your cancer^{1,3}

What is KRAS G12C?



Testing for KRAS G12C can determine which patients with NSCLC have this biomarker⁸

Consider speaking with your health care provider about biomarker testing



Why is biomarker testing important to me?

- Biomarker testing is recommended for all patients with advanced non-small cell lung cancer⁹
- Biomarker testing may help predict your response to specific cancer treatment plans¹⁰
- You may be eligible for a personalized treatment plan for your cancer¹



How can I get tested for the KRAS G12C biomarker?



SAMPLE COLLECTION AND TESTING

To test for KRAS G12C, your doctor will collect some tissue from your cancer in a procedure called a biopsy. If a tissue biopsy cannot be performed, your doctor may be able to test for KRAS G12C by taking a blood sample^{9,10}



TEST REPORTS

Talk to your health care provider on the appropriate treatment plan based on your biomarker test results. You can also ask your doctor for a copy of your biomarker test results⁹



Ask your doctor if you can be tested for biomarkers, including KRAS G12C

References: **1.** National Cancer Institute. <https://www.cancer.gov/about-cancer/treatment/types/biomarker-testing-cancer-treatment>. Accessed May 13, 2021. **2.** National Cancer Institute. <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/kras-gene>. Accessed May 13, 2021. **3.** Data on file, Amgen; 2020. **4.** Nassar AH, Adib E, Kwaitkowski DJ. *N Engl J Med*. 2021;384:185-187. **5.** Canon J, Rex K, Saiki AY, et al. *Nature*. 2019;575:217-223. **6.** Wiesweg M, Kasper S, Worm K, et al. *Oncogene*. 2019;38:2953-2966. **7.** Nusrat M, Roszik J, Holla V, et al. Presented at: American Society of Clinical Oncology Annual Meeting; May 29-30, 2020; Virtual Congress. **8.** Kalemkerian GP, Narula N, Kennedy EB, et al. *J Clin Oncol*. 2018;36:911-919. **9.** Pennell NA, Arcila ME, Gandara DR, et al. *Am Soc Clin Oncol Educ Book*. 2019;39:531-542. **10.** National Cancer Institute. <https://www.cancer.gov/about-cancer/diagnosis-staging/diagnosis/tumor-markers-fact-sheet>. Accessed May 13, 2021.