

Genomic Profiling

What is Genomic Profiling?

Using [tumor tissue](#) from surgery or biopsy, laboratories can study the genomic characteristics of each tumor. This information is then passed to your oncologist who can make a more targeted treatment decision based on your tumor's make up. Rather than creating a treatment plan from high level information such as the location of the tumor, treatment decisions are taken based on specific mutations expressed on the tumor.

Profiling often reveals treatment options beyond the current standard of care (because some of the drugs can be experimental). Profiling also typically adds a category of targeted drugs that is not always considered as a part of the standard of care.

Are there different types of Genomic Tests?

Yes, many companies and hospitals offer various versions of this test. Some offer panels that check for a larger number of mutations and some with smaller, more focused panels. Some study normal and cancerous tissue and focus on mutations that are exclusively cancerous. Others leverage different technology platforms to cross check and confirm their results. There are different approaches that we can help you compare when applicable.

It is also important to note that due to tumor heterogeneity, results are not always accurate, and for best clinical insight it is often best to combine the results from this test with results from [chemo sensitivity](#) .

Download our Free Resource Guide

Understand why you should store your tumor and what your options are.

Download Now



Who is a Candidate for Genomic Profiling?

Genomic profiling is available to every patient who has any type of cancer. More specifically to patients:

- with aggressive disease or disease of unknown origin
- with advanced stage cancer or metastasis
- where the cancer has recurred
- whose cancer is not responding to traditional treatments
- with multiple treatment options
- experiencing too many side effects from my current treatment
- being told that there are no other treatment options available to me
- that have or (or think they may have) developed resistance to their current treatment

Request more information about Genomic Profiling or schedule a free consultation with one of our advisors.

A call with a patient advisor from StoreMyTumor is the quickest way to get answers to your questions. This is a free

conversation, and there is no obligation to utilize StoreMyTumor.

[Schedule a Call Back](#)

Our Services

Tumor Preservation

(Step 1)

Preserve your cancer cells/tissue (in multiple formats) for advanced testing and study, either immediately or at a later time.

Advanced Testing

Personalized Chemo / Drug Therapy

Test and prioritize which chemo or drug combination your tumor is most likely to respond to before treatment begins.

Targeted Therapy (Genomic Testing)

Identify approved and experimental drugs that target specific biomarkers present in your tumor.

Immune Therapy

Personalized Vaccines

Activate and train your immune system to recognize and fight your cancer from within and in parallel.

Adoptive T-Cell Therapy

Boost and strengthen the natural ability of your T-cells (killer cells) to attack and destroy cancer cells.