**PATIENT GUIDE**

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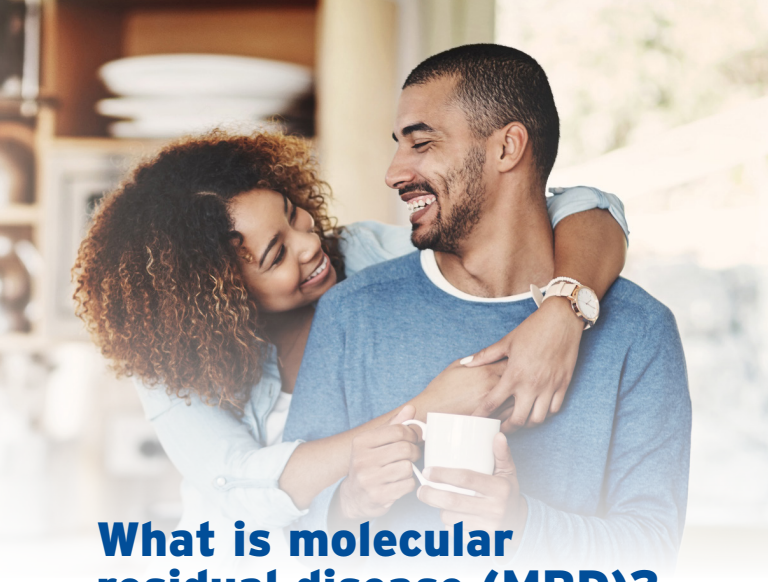
natera™ | Signatera™
Residual disease test (MRD)

# Knowing early can make a difference

A new way to get earlier, more precise information after cancer treatment.

LifeLabs GENETICS®



# What is molecular residual disease (MRD)?

MRD is the presence of small traces of cancer in the blood, such as circulating tumour DNA (ctDNA) or microscopic pieces of tumour DNA.

# Why is cancer surveillance important?

**Knowing early if there are traces of cancer present in your body can help the doctor or oncologist decide:**

- If you are responding to treatment
- If further cancer treatment needs to be considered
- If there are signs that the cancer has returned or progressed

The most common imaging tools used to detect the presence of cancer include computerized tomography (CT) scan, magnetic resonance imaging (MRI), positron emission tomography (PET) scan and mammography. These imaging tools are limited in their ability to detect molecular residual disease (MRD), or very small traces of cancer in the body. If left untreated, residual cancer cells are highly likely to multiply and cause a recurrence.

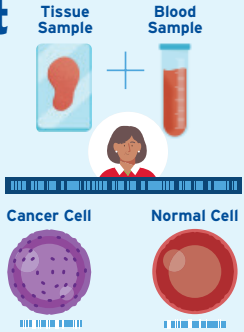
# Signatera™ is a new cancer surveillance test uniquely personalized for each patient

Signatera™ is a custom-designed MRD test that is based on each patient's unique set of tumour mutations.

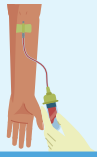
Knowing earlier if your cancer is likely to recur or has progressed after treatment can help you have a more informed discussion with your doctor on how to continue to treat or to detect changes in your disease.

## How is the Signatera™ test performed?

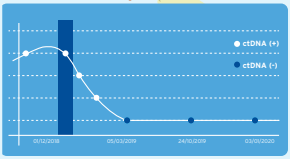
1. A one-time analysis of both blood and tissue determines your unique set of tumour mutations.




2. A Signatera™ test is custom-built and personalized for you.



3. Signatera™ detects the increase or decrease of ctDNA each time it is ordered as part of your routine follow-up blood tests.



# How long will it take to receive my test results?

**4-6 WEEKS**

## Designing your first Signatera™ test

The first time the Signatera™ test is ordered (Initial Test), it will take 4-6 weeks from the time that the testing lab receives all specimens (blood and tissue) to design your personalized test.[1]

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**1-2 WEEKS**

## After your test has been designed

It will take 1-2 weeks from the time that the testing lab receives the blood specimens, for your test results to become available to your physician (Subsequent Tests).[1]

# What do my test results mean?

### If you have early-stage cancer:

**ctDNA**
Higher risk for your cancer returning

**ctDNA**
More likely to remain cancer-free

**The Signatera™ test is recommended for periodic use over the course of your treatment as directed by your doctor to detect the presence of disease.**

1. Signatera™ test samples are shipped to Natera™'s laboratories in San Carlos, California.

# How accurate is Signatera™?

Signatera™ can detect extremely small amounts of tumour DNA before cancer recurrence can be seen by traditional imaging tools such as CT scans or MRI.

The Signatera™ test is highly sensitive; this means that if your test result is positive, there is a high likelihood that your cancer may recur without further treatment.

On the other hand, if repeated tests show that you have very low or undetectable levels of tumour DNA, then you may be more likely to remain in remission. Your test results may help in discussing treatment options with your doctor.

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## About LifeLabs®

For over 50 years, we have been serving the diagnostic healthcare needs of Canadians. Our ISO 15189 and College of American Pathologists (CAP) accredited laboratories are maintained by our in-house team of Quality and Regulatory Affairs experts that provide quality management, and oversight of screening, collection, and testing processes. LifeLabs® is compliant with the Diagnostic Accreditation Program (DAP) in British Columbia and the Institute for Quality Management in Healthcare (IQMH) in Ontario for safe, quality testing.

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