



Let's talk about how Signatera™ can help



What is Signatera™?

Signatera™ is a highly sensitive and personalized molecular residual disease assay (MRD) using circulating tumor DNA (ctDNA), small microscopic fragments of tumor that are often undetectable by current standard of care methods. Because Signatera™ is custom designed using your own tumor tissue, it can help assess disease burden in real time.

What is Signatera™ used for?

Signatera™ can help inform important clinical questions, like:

- Is there cancer left in the body after surgery?
- Is the treatment working?
- Is the cancer coming back?

Why is it helpful?

- Signatera™ uses ctDNA dynamics (changes in ctDNA) to assess disease burden in real time, which means it can often detect how your cancer is evolving more quickly than standard imaging techniques.¹⁻⁴
- Because Signatera™ is custom designed using your tumor tissue, it is highly sensitive and can detect microscopic fragments of tumor present in your blood.
- Understanding disease burden changes as early as possible ensures a more informed treatment approach discussion.

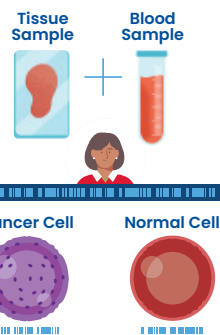
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Signatera™
Residual disease test (MRD)

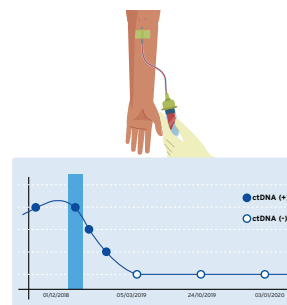
How is the Signatera™ test performed?

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



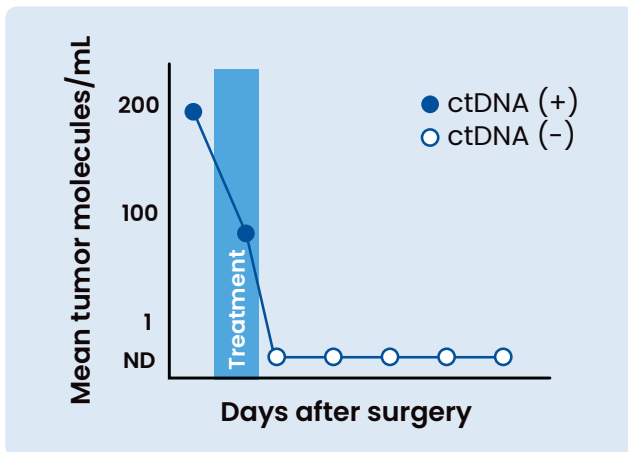
- 2 A Signatera™ test is custom-built and personalized for you.

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



What do the results look like?

Signatera™ reports the presence (+) or absence (-) of ctDNA and quantifies in terms of MTM/ml.

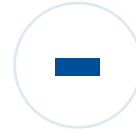


If you have early-stage cancer:



ctDNA

Higher risk for your cancer returning



ctDNA

More likely to remain cancer-free

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.

1-2

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).

Want more information about Signatera™? We've got you covered.



Call us

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Email us

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Visit us online

lifelabs.com/signatera

Appointment discussion notes:

References: 1. Reinert T, Henriksen TV, Christensen E, et al. Analysis of Plasma Cell-Free DNA by Ultradeep Sequencing in Patients With Stage I to III Colorectal Cancer. *JAMA Oncology*. 2019;5(8):1124-1131. 2. Coombes C, Page K, Salari R, et al. Personalized Detection of Circulating Tumor DNA Antedates Breast Cancer Metastatic Recurrence. *Clinical Cancer Research*. 2019;25(14):4255-4263. 3. Abbosh C, Birkbak N, Wilson GA, et al. Phylogenetic ctDNA analysis depicts early-stage lung cancer evolution. *Nature*. 2017;545:446-451. 4. Christensen E, et al. Early Detection of metastatic relapse and monitoring of therapeutic efficacy by ultra-deep sequencing of plasma cell-free DNA in patients with urothelial bladder carcinoma. *J Clin Oncol*. 2019;37(18):1547-1557.

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