





FoundationOne CDx searches for multiple mutations in your cancer tissue sample to increase your chances of finding a more precise treatment^{1,2}

Why is it important to search for mutations in your cancer?

If certain mutations are found in your cancer cells' DNA, your doctor may be able to give you a more precise and personalised treatment based on this finding.³⁻⁷

FoundationOne CDx searches for multiple mutations in your cancer cells' DNA and helps you and your doctor optimise and personalise your treatment plan.^{18,9}

What is FoundationOne CDx?

Who is it for?

FoundationOne CDx is for people with all types of solid tumours, e.g. lung or breast cancer (as opposed to blood cancers, like leukaemia*).² Your doctor can explain to you if your tumour qualifies for FoundationOne CDx testing.

What does it use?

A sample of tissue from your cancer (a tissue biopsy).² Your doctor will explain what is involved in having a biopsy.

How does it work?

Comprehensive genomic profiling searches for mutations in over 300 cancer-related genes.^{1,2}

How could it help?

It may help open up new treatment possibilities, including therapies and clinical trials^{1,2}

What if you've already had a test?

FoundationOne CDx can find mutations that other tests miss because it looks broadly and deeply into your cancer DNA and may cover genes that have not previously been tested. So even if you've already had a test, or already received some treatment, it might be beneficial to test your cancer again.^{1,7,10,11}

*Blood-based cancers can be tested with the Foundation Medicine test FoundationOne*Heme. Please talk to your cancer care team for more information.

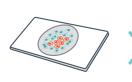
What happens to your sample?

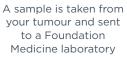


COMPREHENSIVE GENOMIC PROFILING

DATA ANALYSIS

FOUNDATION MEDICINE REPORT

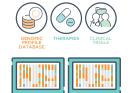








Your DNA is extracted from your sample. The DNA is searched for mutations possibly responsible for your cancer¹



Mutations found are evaluated by a team of experts for treatment options, such as targeted therapies or immunotherapies, or relevant clinical trials, using a large cancer information database^{12,13}



Your care team will receive a comprehensive report, including the details on your tumour profile, 14 days after receipt of the sample at the laboratory¹³

The Foundation Medicine information database is continuously updated based on new research, clinical trials, and increasing amount of patient genomic profiles from clinical routine.¹² This helps ensure when a Foundation Medicine Report is created, it is based on the latest scientific data.

Please note: All patient data are anonymised, stored in a secure database and, with your consent, used to help researchers improve cancer care.

The FoundationOne CDx report may help guide your treatment plan¹³

Page 1 of an example FoundationOne CDx report¹³



- Your details, your doctor's details and information about your specimen (the cancer tissue sample that was analysed)
- 2 Biomarker findings and genomic findings: A summary of mutations and other characteristics found in your cancer to help understand which targeted therapies, immunotherapies or clinical trials may be relevant to you.
- 3 Depending on current scientific knowledge and your cancer's mutations, the Foundation Medicine report may indicate:
 - a Approved therapies according to the respective tumour type
 - **b** Therapies approved in another tumour type
 - c Clinical trials for you and your doctor to discuss together

Page 1 provides a summary of your results, while the remaining pages give more details.

Important considerations about your results

Sometimes no mutations can be found

This information will still be helpful to your doctor, as it may help to rule out giving you treatments that are unlikely to help you.

If a mutation is found, several factors affect if there will be therapies or clinical trials available If a mutation is found there may be therapies or clinical trials available for your mutation, but this depends on whether the therapy or trial is available in your country or is appropriate for you. It is also possible that there may not yet be any therapies or trials for your mutation.

FoundationOne CDx cannot predict how your cancer will respond to a therapy

If you receive a therapy or enter a clinical trial mentioned in the report it does not mean that the therapy will work as there are many factors that influence the efficacy.

How to order?



Your doctor orders the test



Your doctor arranges to have a sample of tissue from your cancer taken (a tissue biopsy)



Your sample is sent to the Foundation Medicine laboratory



DNA is extracted from your sample and analysed



Your doctor receives the report

It takes around 14 days from receipt of your sample at the Foundation Medicine laboratory to your doctor receiving the report

FoundationOne CDx helps open up treatment possibilities for your cancer^{1,2}

Where can you find more information?



For more information on comprehensive genomic profiling and FoundationOne CDx, please visit www.rochefoundationmedicine.com

Pricing and reimbursement is dependent on your country, please contact your local Foundation Medicine team for more information

<Space for local patient Medical Information contact details>

Glossary

Biomarker	A molecule that is a sign of a normal or abnormal process, or of a condition or disease. A biomarker may be used to see how well the body responds to a treatment for a disease or condition. ¹⁴
Biopsy	The removal of cells or tissues for examination by a pathologist. ¹⁵
Cell	The basic building blocks of all living things. ¹⁶
Clinical trial	Research studies that use human volunteers to test new drugs or other treatments to find out whether they are better than the current, standard treatment. Before giving the treatment to people, it is studied by scientists. If these studies suggest it will work, the next step is to test it in patients ¹⁷
Comprehensive genomic profiling	A type of cancer test that looks for several cancer-related DNA mutations across a broad region of the cancer cells' DNA in a single test. ¹
DNA	The genetic "blueprint" found in the nucleus (centre) of each cell. DNA holds genetic information on cell growth, division, and function. ¹⁸
Gene	A section of DNA that contains the information to control the development one or more of a person's traits. A gene can be passed from parent to offspring 19,20
Immunotherapy	Treatments that use the body's immune system to fight cancer. ²¹
Mutation	A change in the DNA of a cell. All types of cancer are thought to be due to mutations that damage a cell's DNA. ²²
Solid tumour	An abnormal mass of tissue that usually does not contain cysts or liquid areas e.g. lung or breast cancer. Cancers of the blood (leukaemias) generally do not form solid cancers. ²³
Targeted therapy	Treatment that attacks some part of cancer cells that makes them different from normal cells. Targeted therapies tend to have different side effects to chemotherapy drugs with broader action. ^{24,25}

References

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