

FACT SHEET FOR PATIENTS

LumiraDx UK Ltd.

LumiraDx SARS-CoV-2 & Flu A/B RNA STAR Complete

January 19, 2023

Coronavirus
Disease 2019
(COVID-19)

You are being given this Fact Sheet because your sample(s) was tested for viruses that cause the Coronavirus Disease 2019 (COVID-19), influenza A and influenza B using the LumiraDx SARS-CoV-2 & Flu A/B RNA STAR Complete Test.

This Fact Sheet contains information to help you understand the risks and benefits of using this test for the diagnosis of COVID-19 and/or Influenza. If you have questions or would like to discuss the information provided after you read this Fact Sheet, please talk with your healthcare provider.

For the most up to date information on COVID-19 please visit the CDC Coronavirus Disease 2019 (COVID-19) webpage: <https://www.cdc.gov/COVID19>

For the most up to date information on Influenza, please visit the CDC Influenza webpage: <https://www.cdc.gov/flu>

Why was my sample tested?

You were tested because a) your healthcare provider believes you may have been exposed to a virus that causes COVID-19 and/or Influenza based on your signs and symptoms (e.g., fever, cough, difficulty breathing), and/or other risk factors:

- You live in or have recently traveled to a place where transmission of COVID-19 is known to occur, and/or
- You have been in close contact with an individual suspected of or confirmed to have COVID-19.

Testing of the samples will help find out if you may have the virus that causes COVID-19 or if another respiratory virus may be the cause.

What is COVID-19?

COVID-19 is caused by the SARS-CoV-2 virus which is a new virus in humans causing a contagious respiratory

illness. COVID-19 can present with a mild to severe illness, although some people infected with COVID-19 may have no symptoms at all. Older adults and people of any age who have underlying medical conditions have a higher risk of severe illness from COVID-19. Serious outcomes of COVID-19 include hospitalization and death. The SARS-CoV-2 virus can be spread to others not just while one is sick, but even before a person shows signs or symptoms of being sick (e.g., fever, coughing, difficulty breathing, etc.). A full list of symptoms of COVID-19 can be found at the following link:

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>.

What is Influenza?

Influenza (flu) is a contagious respiratory illness caused by Influenza viruses. Influenza viruses can cause mild to severe illness. Serious outcomes of the flu can result in hospitalization or death. Some people, such as older people, young children, and people with certain underlying health conditions, are at higher risk for serious flu complications. There are two main types of Influenza viruses: types A and B. Both type A and B Influenza viruses regularly spread in people, and are responsible for seasonal flu each year. Influenza viruses can be spread to others before and after a person shows signs and symptoms of being sick.

What is the LumiraDx SARS-CoV-2 & Flu A/B RNA STAR Complete Test?

The LumiraDx SARS-CoV-2 & Flu A/B RNA STAR Complete Test is a molecular test designed to simultaneously detect and differentiate three types of viruses: two types that cause Influenza (type A and type B) and the virus that causes COVID-19 (SARS-CoV-2) in in anterior nasal and nasopharyngeal swabs.

What are the known and potential risks and benefits of the test?

Potential risks include:

- Possible discomfort or other complications that can happen during sample collection.
- Possible incorrect test result (see below for more information).

Where can I go for updates and more information? The most up-to-date information on COVID-19 is available at the CDC General webpage: <https://www.cdc.gov/COVID19>. In addition, please also contact your healthcare provider with any questions/concerns.

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Potential benefits include:

- The results, along with other information, can help your healthcare provider make informed recommendations about your care.
- The results of this test may help limit the spread of COVID-19, Influenza A or Influenza B to your family and others in your community.

What does it mean if I have a positive test result for SARS-CoV-2?

If you have a positive test result for the presence of SARS-CoV-2, it is very likely that you have COVID-19. Therefore, it is also likely that specific measures such as isolation, social distancing, and wearing a mask will be recommended so that you can avoid spreading the virus to others. You should follow CDC guidance to reduce the potential transmission of disease.

There is a smaller possibility that this test can give a positive result that is wrong (a false positive result) particularly when used in a population without many cases of COVID-19. Your healthcare provider will work with you to determine how best to care for you based on the test results, medical history, and your symptoms.

What does it mean if I have a positive test result for Influenza A and/or B viruses?

If you have a positive test result for the presence of influenza A and/or influenza B viruses, it is very likely that you have the flu. If you have a positive result for an influenza virus, your healthcare provider will determine the best way to care for you based on the test results along with other factors in your medical history. There is a very small chance that this test can give a positive result that is wrong (a false positive result).

What does it mean if I have a positive test result for SARS-CoV-2 and Influenza (A and/or B) viruses?

It is possible for an individual to be infected with Influenza A virus, Influenza B virus, and/or SARS-CoV-2 virus at the same time. Your healthcare provider will work with you to determine how best to care for you based on these test results, your medical history, and your symptoms.

What does it mean if I have a negative test result for SARS-CoV-2, Influenza (A and/or B) viruses?

A negative test result means that proteins from the virus that causes COVID-19 or Influenza were not found in your sample. For COVID-19, influenza A, or influenza B, a negative test result for a sample collected while a person has symptoms usually means that SARS-CoV-2, influenza A, or influenza B viruses are unlikely to be the cause of your current illness.

However, it is possible for this test to give a negative result that is incorrect (false negative) in some people with COVID-19 or influenza. You might test negative if the sample was collected early during your infection. You could also be exposed to these viruses after your sample was collected and then have become infected. Your healthcare provider will consider the test result together with your symptoms, possible exposures, and other health information in deciding how to care for you. It is possible that your healthcare provider may collect another sample in order to repeat the test or conduct other tests.

It is important that you work with your healthcare provider to help you understand what your results mean and the next steps you should take.

Is this test FDA-approved or cleared?

No. This test is not yet approved or cleared by the United States FDA. When there are no FDA-approved or cleared tests available, and other criteria are met, FDA can make tests available under an emergency access mechanism called an Emergency Use Authorization (EUA). The EUA for this test is supported by the Secretary of Health and Human Service's (HHS's) declaration that circumstances exist to justify the emergency use of *in vitro* diagnostics for the detection and/or diagnosis of the virus that causes COVID-19. This EUA will remain in effect (meaning this test can be used) for the duration of the COVID-19 declaration justifying emergency of IVDs, unless it is terminated or revoked by FDA (after which the test may no longer be used).

Where can I go for updates and more information? The most up-to-date information on COVID-19 is available at the CDC General webpage: <https://www.cdc.gov/COVID19>. In addition, please also contact your healthcare provider with any questions/concerns.

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What are the approved alternatives?

There are approved/cleared influenza tests. Any tests that have received full marketing status (i.e., cleared, approved), as opposed to an EUA, by FDA can be found by searching the medical device databases here: <https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/medical-device-databases>.

A cleared or approved test should be used instead of a test made available under an EUA, when appropriate and available. FDA has issued EUAs for other tests that can be found at: <https://www.fda.gov/emergency-preparedness-and-response/mcm-legal-regulatory-and-policy-framework/emergency-use-authorization>.

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