FACT SHEET FOR PATIENTS
Quidel Corporation
Sofia 2 Flu + SARS Antigen FIA
October 2, 2020
Coronavirus Disease 2019 (COVID-19)

You are being given this Fact Sheet because your sample(s) was tested for the Coronavirus Disease 2019 (COVID-19) using the Sofia 2 Flu + SARS Antigen FIA.

This Fact Sheet contains information to help you understand the risks and benefits of using this test for the diagnosis of COVID-19. After reading this Fact Sheet, if you have questions or would like to discuss the information provided, please talk to 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

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 Sofia 2 Flu + SARS Antigen FIA?
The test is designed to simultaneously detect 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 nasopharyngeal and nasal swabs.

Why was my sample tested?
You were tested because your healthcare provider believes you may have been exposed to the virus that causes COVID-19 based on your signs and symptoms (e.g., fever, cough, difficulty breathing), and/or other risk factors and you are within the first five days of the onset of symptoms.

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).

Potential benefits include:

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.
What does it mean if I have a positive test result for
SARS-CoV-2?
If you have a positive test result, it is very likely that you
have COVID-19 because proteins from the virus that
causes COVID-19 were found in your sample.
Therefore, it is also likely that you may be placed in
isolation to avoid spreading the virus to others. You
should follow CDC guidance to reduce the potential
transmission of disease.

There is a very small chance 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 infection. Your healthcare provider
will work with you to determine how best to care for you
based on the test results along with 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). 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 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.

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 COVID-19 after your
sample was collected and then have become infected.

This means that you could possibly still have COVID-19
or influenza even though the test result is negative. If
your test is negative, your healthcare provider will
consider the test result together with all other aspects of
your medical history (such as symptoms, possible
exposures, and geographical location of places you have
recently traveled) in deciding how to care for you. The
amount of antigen in a sample may decrease the longer
you have symptoms of infection. Specimens may be
more likely to be negative compared to a molecular
assay for SARS-CoV-2 or influenza.

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

What are the differences between antigen tests and
other COVID-19 tests?
There are different kinds of tests for diagnosing COVID-
19. Molecular tests (also known as PCR tests) detect
 genetic material from the virus. Antigen tests detect
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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).

What are the approved alternatives? There are approved influenza tests, but there is not yet an approved available alternative test for influenza combined with COVID-19 in one test. 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.

proteins from the virus. Antigen tests are very specific for the virus, but are not as sensitive as molecular tests. This means that a positive result is highly accurate, but a negative result does not rule out infection.

If your test result is negative, you should discuss with your healthcare provider whether an additional molecular test would help with your care, and when you should discontinue home isolation. If you do not have an additional test to determine if you are infected and may spread the infection to others, the CDC currently recommends that you should stay home until three things have happened:

- You have had no fever for at least 24 hours (that is one full days of no fever without the use of medicine that reduces fevers)

AND

- Other symptoms have improved (for example, when your cough or shortness of breath has improved)

AND

- At least 10 days have passed since your symptoms first appeared.

For more information, the CDC has provided guidelines on how to prevent the spread of COVID-19 if you are sick: https://www.cdc.gov/coronavirus/2019-ncov/downloads/sick-with-2019-nCoV-fact-sheet.pdf.