

Fanttest®

CE

COVID-19 Influenza A&B Antigen Test Kit

This product is an in vitro diagnostic test for the qualitative. Detection of SARS-CoV-2, influenza A and influenza B viral nucleoprotein antigens in nasal swab.



Methodology

Using the principle of double antibody sandwich method.



Operation

Simple operation, easy to interpret, sampling and testing can be done anytime.



Detection

The detection is fast, the result can be interpreted in 15 minutes.



Accuracy

High sensitivity and specificity.



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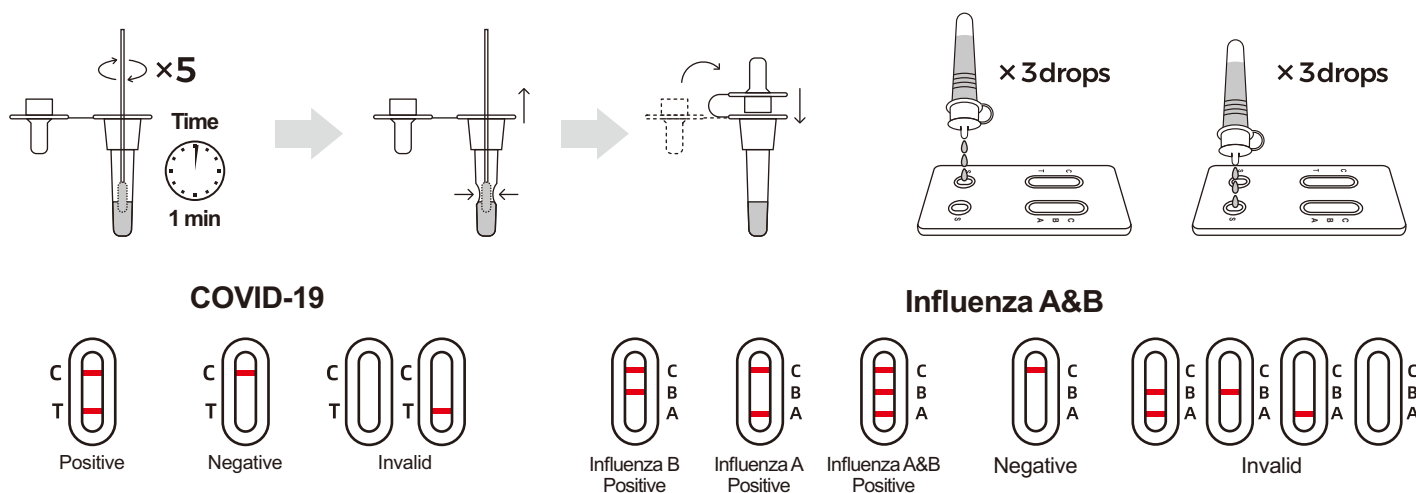
Product background

The COVID-19/Influenza A&B Antigen Test Kit is a lateral flow immunoassay based on the principle of the double antibody sandwich technique. Antibodies conjugated with colored microparticles and sprayed onto the conjugation pad is used as a detector. During the test, the antigen in the sample interacts with the antibody conjugated with colored microparticles, creating an antigen-antibody labeled complex. This complex migrates on the membrane by capillary action up to the Test line where it is captured by the pre-coated antibodies. A colored test line (T) would be visible in the result window if antigens are present in the sample. The absence of the T line indicates a negative result. The control line (C) is for procedural control and should appear whenever the test procedure is being performed properly.

Intended use

The COVID-19/Influenza A&B Antigen Test Kit is a lateral flow immunoassay for the qualitative detection of SARS-CoV-2, influenza A and influenza B viral nucleoprotein antigens in nasal swabs specimens. The symptoms of respiratory viral infection due to SARS-CoV-2 and influenza can be similar. The test is intended as an aid in diagnosis of symptomatic individual meeting the case definition for COVID-19 within the first 7 days of symptom onset and meeting the case definition for Influenza A&B within the first 4 days of symptoms onset.

Operation steps and result interpretation



- **POSITIVE COVID-19:** Two distinct colored lines appear. One line should be in the control line region (C) and another line should be in the test line region (T).
 - **POSITIVE Influenza A:** Two distinct colored lines appear. One line should be in the control line region (C) and another line should be in the Influenza A region (A).
 - **POSITIVE Influenza B:** Two distinct colored lines appear. One line should be in the control line region (C) and another line should be in the Influenza B region (B).
 - **POSITIVE Influenza A and Influenza B:** Three distinct colored lines appear. One line should be in the control line region (C) and the other two lines should be in the Influenza A region (A) and Influenza B region (B).
- NOTE: The intensity of the color in the test line regions will vary based on the amount of COVID-19 or Flu A or B antigen present in the sample. any shade of color in the test regions should be considered positive.
- **NEGATIVE:** One colored line appears in the control line region (C). No apparent

Product information

Product name	Specimen	Format	Pack/box	Shelf life	Storage temperature	Certificate
COVID-19/Influenza A&B Antigen Test Kit	Nasal Swab	Cassette	1T/5T/25T	24months	2-30°C	CE