



Actim[®] Influenza A&B

THE KEY TO EARLY FLU DIAGNOSIS

The easy-to-use **Actim Influenza A&B** rapid test detects and differentiates between influenza A and B virus antigens in respiratory samples, in just 10 minutes.

Influenza A and B viruses cause seasonal flu epidemics with symptoms similar to the common cold. Reliable diagnosis of influenza is essential since the infection spreads quickly, infected patients might require medical care, and the disease can cause severe complications among high-risk groups.

Actim Influenza A&B gives quick and reliable test results on the spot. This allows early start of treatment, which helps to reduce the duration and severity of the disease. In addition, detection of influenza reduces unnecessary use of antibiotics and helps to limit the spread of the infection.

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HOW **ACTIM INFLUENZA A&B** WORKS

The **Actim Influenza A&B** rapid test is based on highly specific monoclonal antibodies that detect the **nucleoprotein** of the influenza virus. Nucleoprotein is an internal part of the virus that is similar in all influenza subtypes. For this reason, Actim Influenza A&B test can be used from one epidemic to another.

Actim Influenza A&B **detects a wide range of Influenza A subtypes**, including H5N3, H7N3, H9N2, H5N1 (“avian flu”), and H1N1v (“swine flu”). The test is specific to influenza and does not detect other respiratory viruses, such as adenovirus, rapid respiratory syncytial virus, or rhinovirus.

Actim Influenza A&B is suitable for various respiratory samples, such as nasal swabs, nasal aspirates, or washes. The test can also be used for viscous samples.

ACTIM INFLUENZA A&B: KEY FACTS

- Rapid detection of influenza A and B from various respiratory sample types
- Detects a variety of influenza A subtypes, including swine and avian flu
- Easy-to-use one-step dipstick test
- Gives test results at the bedside in just 10 minutes
- No laboratory resources or sample processing is needed
- The test kit contains all necessary materials and can be stored at room temperature
- Available with both influenza A and B positive controls for quality assurance

INFLUENZA

Influenza is a highly contagious respiratory infection. Seasonal flu epidemics are caused by two main types of influenza viruses, A and B, which infect around 10% of the population every year. The typical symptoms of influenza are similar to the symptoms caused by other, less severe viral infections. However, it is important to distinguish between influenza and the common cold, since influenza is more likely to result in hospitalization.

Actim Influenza A&B
ENABLES FAST AND EASY INFLUENZA TESTING, with no need for laboratory facilities.

HOW ACTIM INFLUENZA A&B HELPS

Actim Influenza A&B enables **fast and easy influenza testing** with no need for laboratory facilities. This makes it a **convenient first-line diagnostic method** for acute cases.

The test distinguishes influenza from other respiratory infections reliably. This is crucial, since the symptoms of influenza can be very similar to the common cold, which makes diagnosis challenging. A positive Actim Influenza A&B test result **supports clinical decision-making** and **promotes timely treatment**.

Global influenza pandemics are typically caused by type A virus strains. Thus, a **high sensitivity and specificity** for the A subtype (Table 1) make Actim Influenza A&B the test of choice for influenza diagnostics.

Actim Influenza A&B detects a **WIDE RANGE OF INFLUENZA A SUBTYPES** and is not affected by yearly virus strain changes.

TABLE 1. The Actim Influenza A&B test is highly specific for influenza A subtype (Heinonen et al. 2011)

Influenza virus type	Rapid test positive	Reference methods positive [*]	Sensitivity (95% CI)	Specificity (95% CI)	Positive predictive value (PPV)	Negative predictive value (NPV)
Influenza A	29	31	90 %	99 %	97 %	98 %
Influenza B	2	8	25 %	100 %	100 %	96 %
Any influenza	31	39	77 %	99 %	97 %	93 %

^{*} Composite of viral culture, antigen detection and reverse transcription polymerase chain reaction (RT-PCR) was used as the reference test. The reference test was considered positive, if influenza was detected by any of these methods.

HOW TO USE **ACTIM INFLUENZA A&B**

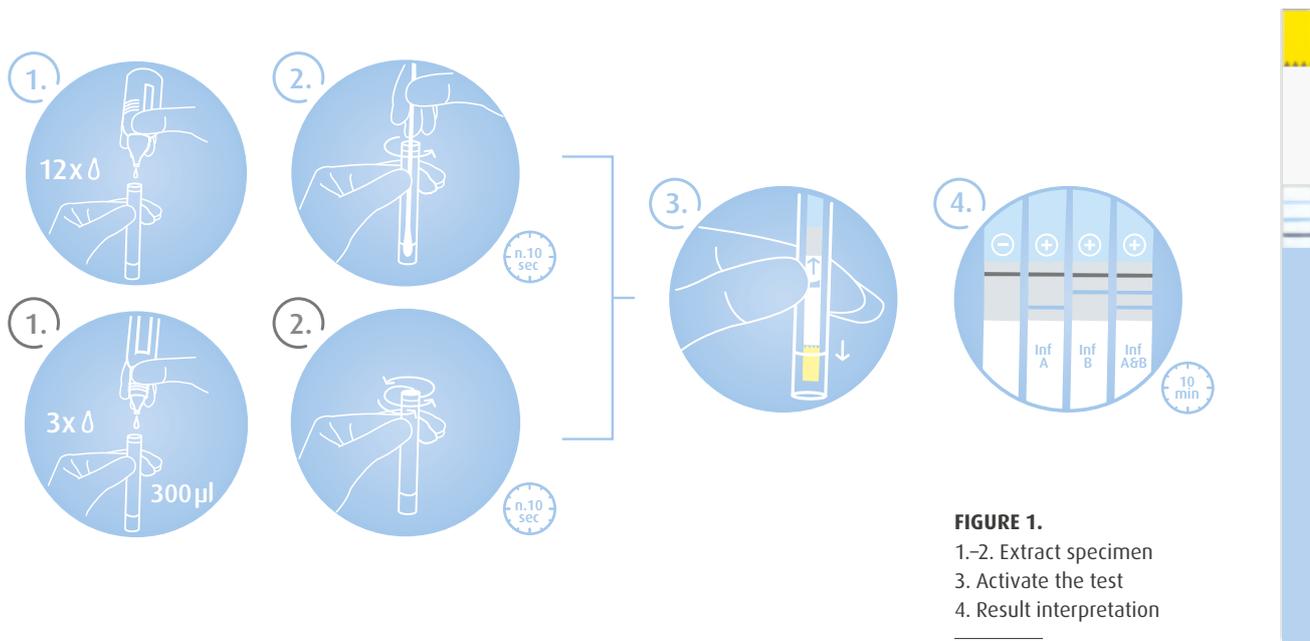


FIGURE 1.

1.-2. Extract specimen
3. Activate the test
4. Result interpretation



The test kit contains all necessary materials and can be stored at room temperature.

CONTACT US

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Ordering information

Actim Influenza A&B 20 test kit with controls	32836ETAC
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