

Actim[®] Influenza A&B

A convenient rapid test for
early diagnoses of influenza
viral infections

- Actim[®] Influenza A&B is a rapid point-of-care test that reliably detects and distinguishes influenza A from influenza B virus antigens.
- The test has been shown to detect various influenza A subtypes and it is not affected by yearly virus strain changes.
- The test results are available at the bedside in just 10 minutes, making Actim Influenza A&B a key screening tool, especially during flu peak seasons.



Diagnosing influenza early on with the help of Actim Influenza A&B

Actim Influenza A&B makes influenza testing fast and convenient, with the test results being ready for visual interpretation in just 10 minutes. Antiviral treatment options can hence be considered early on to decrease the severity and duration of the disease all while reducing the unnecessary use of antibiotics.

The test does not involve the use of any extra laboratory resources or equipment, making Actim Influenza A&B a key screening tool for influenza in remote areas where laboratory testing is not accessible and during outbreaks, when early diagnoses are critical to limit the spread of the influenza viruses.

Actim Influenza A&B in a nutshell

- Optimal composition to distinguish between influenza A and influenza B at the patient's bedside in just 10 minutes.
- The rapid test detects a variety of influenza A subtypes — including swine and avian influenza.
- No laboratory resources or sample processing are required to perform the test or interpret the test results.
- Actim Influenza A&B is also available with both influenza A and B positive controls for quality assurance purposes.

Actim Influenza A&B makes flu testing particularly convenient in remote areas and during peak seasons, when timely diagnoses are essential to prevent influenza viruses from spreading any further.

A reliable screening tool for the detection and surveillance of influenza

Actim Influenza A&B 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. Therefore, 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, RSV or rhinovirus.

By offering various respiratory sample options, Actim Influenza A&B is a good fit for all patients - including children and elderly people. Indeed, the test results are valid whether the samples consist of nasal swabs, nasal aspirates, or washes.

Global influenza pandemics are typically caused by type A virus strains. Thus, a high sensitivity and specificity for the influenza A subtype make Actim Influenza A&B an optimal screening tool for the diagnosis of influenza (Table 1).

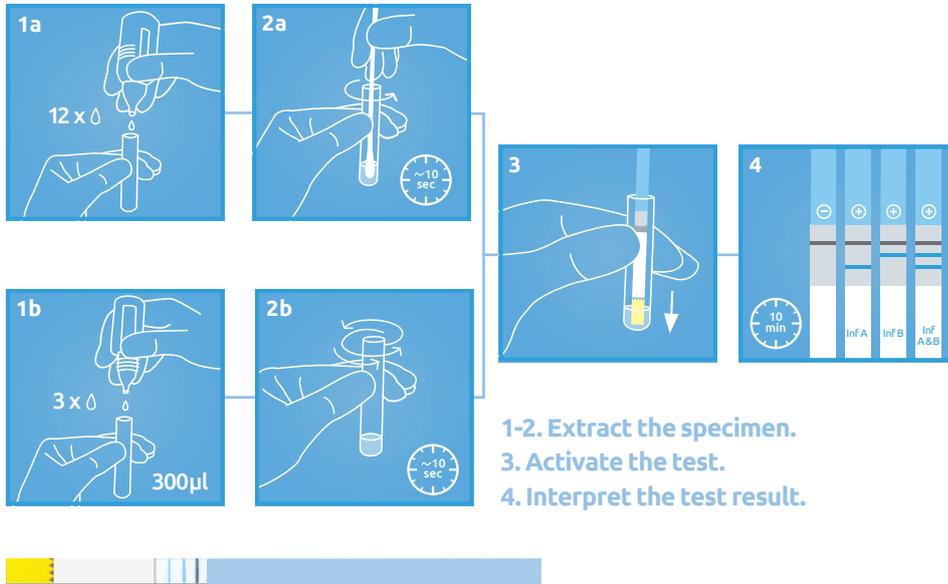
Table 1. The Actim Influenza A&B test is highly specific for influenza A subtype (Heinonen et al. 2011)

| Influenza virus type | Rapid test positive | Reference methods positive * | Sensitivity (95% CI) | Specificity (95% CI) | PPV | 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.

Actim Influenza A&B detects a wide range of influenza A subtypes and it is not affected by yearly virus strain changes.

Clear results in just 10 minutes



Ordering information

| Product | Product code |
|---|--------------|
| Actim Influenza A&B, 20 tests with controls | 32836ETAC |
| Actim Influenza A&B, 20 tests | 32837ETAC |

 **The test kit contains all the materials needed - no extra laboratory equipment is required to perform the test.**

 **The test kit can be stored at room temperature.**



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