Flowflex™ Influenza A/B Ag Rapid Test

Frequently Asked Questions (FAQ)

Q: **What is this test's principle ?**

A: The Influenza A/B Rapid Test is a membrane method based chromatographic immunoassay for the qualitative and differential detection of the Influenza virus type A and type B antigens extracted from Nasal / Throat / Nasopharyngeal swab specimens.

Q: **Is this test for symptomatic patients only?**

A: Yes, this test is for individuals who have onset of symptoms, such as a sudden fever, cough (usually dry), headache, muscle and joint pains and so on.

Q: **How does the test work ?**

A: When Influenza A or B antigens are present in the specimens, the Influenza A or B antigen will first binds with the anti-Influenza A or B antibody conjugated to form an antigen-antibody conjugate complexes, then the conjugated complexes migrate across the test strip to the reaction area and are captured by the A-antibody line or the B-antibody line, precoated on the membrane, if present there will be a visible A line or a B line, or both line A and B will be visible.

Q: I**s this test for Professional Use only ?**

A: Yes, this test is intended to be used by professionals as a screening test and provides an aid in the diagnosis of acute influenza type A and B viral infections.

Q: **What types of specimens can be used to run the test?**

A: Nasal, Throat and Nasopharyngeal swab specimens.

Q: **What is the sensitivity, specificity and accuracy for this test?**

A: The results for **Influenza A** are: Relative Sensitivity: 100.00% (93.60%-100.00%)*, Relative Specificity: 99.22% (97.01%-99.97%)* and Accuracy: 99.38% (97.63%-99.98%)*

The results for **Influenza B** are: Relative Sensitivity: 100.00% (90.62%-100.00%)*, Relative Specificity: 99.61% (97.59%-99.99%)* and Accuracy: 99.67% (97.95%-99.99%)*

*95% Confidence Intervals

Q: **What is the precision ?**

Intra-Assay : Within-run precision has been determined by using 10 replicates of specimens: negative control and Influenza A and Influenza B antigen positive controls. The specimens were correctly identified >99% of the time.

Inter-Assay : Between-run precision has been determined by 10 independent assays on the same specimen: negative specimen and Influenza A and Influenza B antigen positive specimen. Three different lots of the Influenza A/B Rapid Test have been tested using these specimens. The specimens were correctly identified >99% of the time.

Q: How do I know that the test was run properly?

A: The appearance of a colored line at the Control Line region tells you that you followed the test procedure properly and the proper amount of sample was used.

ACON

aconlabs.com

ACON Laboratories, Inc.
5850 Oberlin Drive, # 340
San Diego CA 92121
Tel: 1.858.875.8000
Fax: 1.858.200.0729
Email: info@aconlabs.com

2210031501 • 04/21