

iCARE Influenza A&B (Cassette 4mm) Rapid Screen Test

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Category Name : Infectious Diseases Rapid Screen Test Kit

iCARE One Step Influenza A&B Test is a rapid immunochromatographic test for the visual detection of influenza type A and B antigens(nucleoprotein) extracted from the nasal swab, throat swab specimen. The test adopts double antibody sandwich method.



When the test strip is immersed into the extracted specimen, the specimen is absorbed into the device by capillary action, mixes with antibody-dye conjugate, and flows across the pre-coated membrane, in which influenza type A and B monoclonal antibodies are coated respectively.

When the influenza type A antigen levels are at or above the target cutoff (the detection limit of the test), type A antigen in the specimen binds to the specific antibody-dye conjugate and are captured by influenza type A monoclonal antibody immobilized in the relative site of test region close to control region. This produces a colored test band in the test region close to control region. When the influenza type A antigen levels are zero or below the target cut off, there is not a visible colored band in the test region close to control region. This indicates a negative result for influenza type A.

When the influenza type B antigen levels are at or above the target cutoff (the detection limit of the test), type B antigen in the specimen binds to the specific antibody-dye conjugate and are captured by influenza type B monoclonal antibody immobilized in the relative site of test region away from control region. This produces a colored test band in the test region away from control region. When the influenza type B antigen levels are zero or below the target cut off, there is not a visible colored band in the test region away from control region. This indicates a negative result for influenza type B.

To serve as a procedure control, a colored line will appear at the control region (C), if the test has been performed properly.

Specifications

Category Name	Infectious Diseases Test
Catalog No	WF1108
Packing	20T per box
Specimen	Whole Blood / Serum / Plasma
Sample	10 ul
Format	Hospital version: 1 well cassette, pipette, diluent (4 bottles) Field version: Alcohol swab, lancet, 1 well cassette, pipette, diluent

Specifications

Specificity 100%

Sensitivity 90%

Result Within 15 minutes

Certification CE

Shelf Life 24 months from date of production

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