

Influenza A+B+RSV detection kit

CerTest
BIOTEC

Pathogen and product description

Influenza is caused by a virus that attacks mainly the upper respiratory tract – the nose, throat, bronchi and rarely the lungs. The infection usually lasts for about a week. It is characterized by sudden onset of high fever, myalgia, headache and severe malaise, non-productive cough, sore throat and rhinitis. Most people recover within one to two weeks without requiring any medical treatment.

The currently circulating Influenza viruses that cause human disease are divided into two groups, A and B. Influenza A has 3 subtypes which are important for humans: A (H3N2), A (H1N1) and A (H5N1), of which the former is currently associated with most deaths.

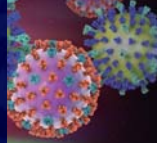
Respiratory Syncytial Virus (RSV) is the most

common cause of bronchiolitis and pneumonia among infants under 1 year of age. Illness begins most frequently with fever, runny nose, cough and sometimes wheezing. Severe lower respiratory tract disease may occur at any age, specially among the elderly or among those with compromised cardiac, pulmonary or immune systems. RSV is spread from respiratory secretions through close contact with infected persons or contact with contaminated surfaces or objects.

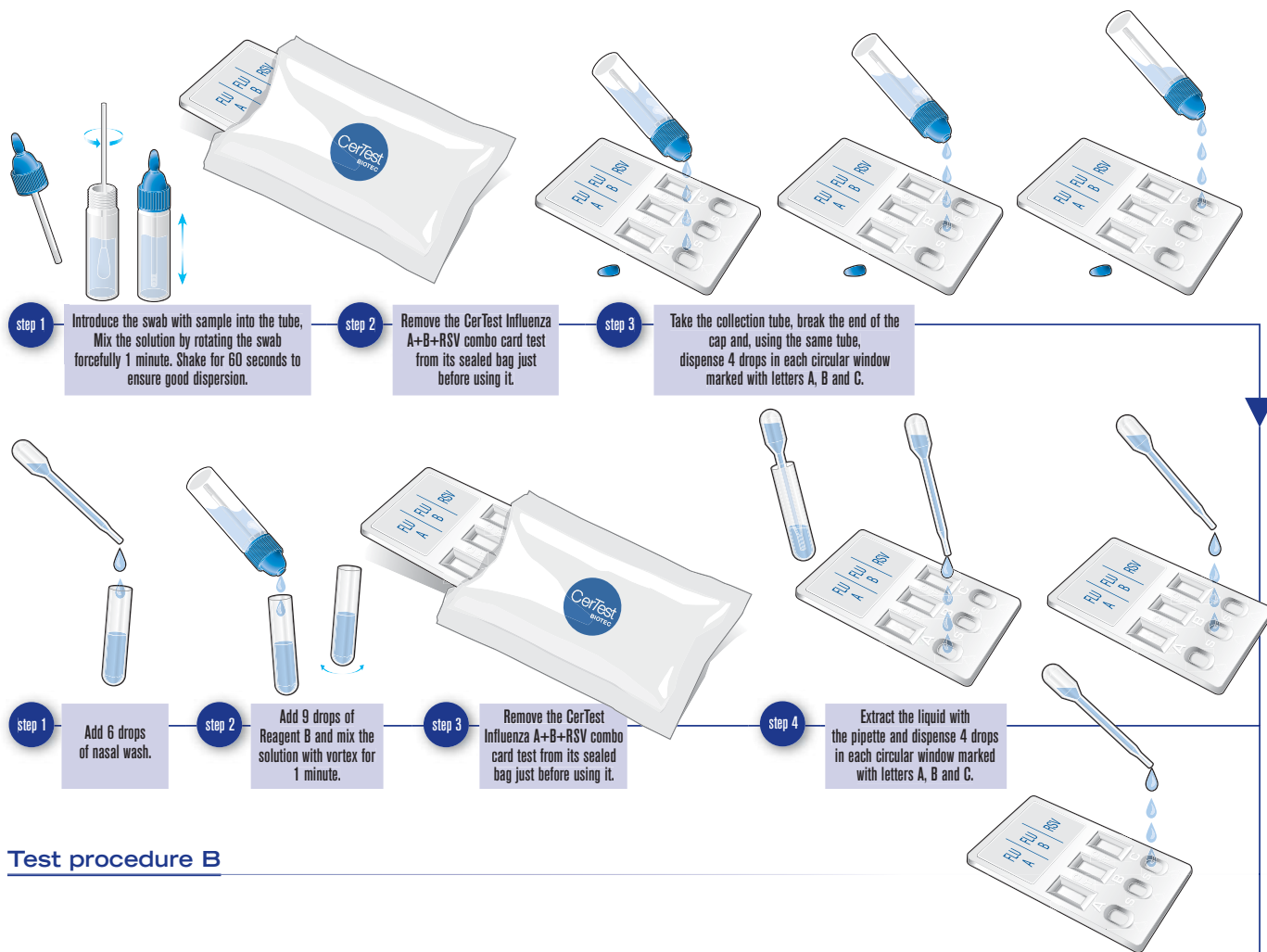
CerTest *Influenza A + B + RSV* one step combo card test is a coloured chromatographic immunoassay for the simultaneous qualitative detection of Influenza type A, type B and Respiratory Syncytial Virus antigens from nasopharyngeal swab, nasopharyngeal wash or aspirate specimens.



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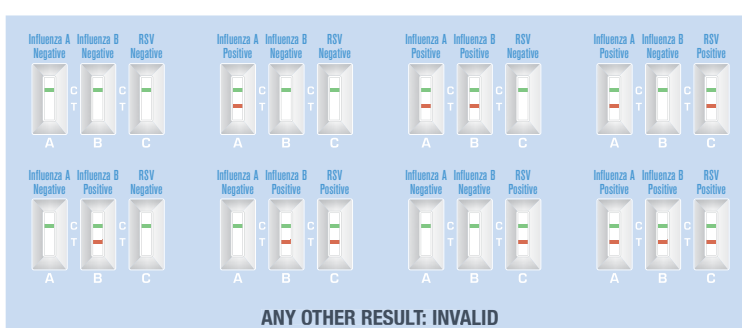


Test procedure A

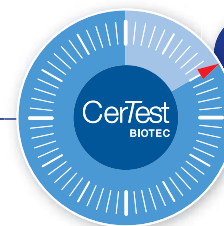


Test procedure B

Interpretation of results



Wait for coloured bands to appear.
Read the results at 10 minutes.



Clinical Sensitivity and Specificity

	Sensitivity	Specificity	VPP	VPN
CerTest Influenza A+B+RSV (Influenza A y B) vs. BinaxNow® Influenza A&B	>99%	>99%	>99%	>99%
CerTest Influenza A+B+RSV (RSV) vs. BinaxNow® RSV	95%	>99%	>99%	91%

