

SARS-CoV-2/Influenza A+B /RSV Antigen Combo Rapid Test (Nasal Swab) Package Insert For Self-testing



REF ISIR-N535H | English

Before testing, scan the QR code to watch the "how to use" video. [INTENDED USE]

The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of SARS-CoV-2. Influenza A, Influenza B and RSV antigens in self-collected nasal swab specimens as an aid in the diagnosis of SARS-CoV-2, Influenza A/Influenza B and RSV infection.

The test is intended for individuals who are suspected of being infected with SARS-CoV-2 within 7 days of symptom onset and/or Influenza A+B and RSV within the first 4 days of symptom onset. For self-testing in vitro diagnostic use.

[HOW DOES IT WORK]

The novel coronaviruses belong to the β genus. COVID-19 is an acute respiratory infectious disease. People are generally susceptible. Currently, the patients infected by the novel coronavirus are the main source of infection; asymptomatic infected people can also be an infectious source. Based on the current epidemiological investigation, the incubation period is 1 to 14 days, mostly 3 to 7 days. The main manifestations include fever, fatigue and dry cough. Nasal congestion, runny nose, sore throat, myalgia and diarrhea are found in a few cases.

Influenza (commonly known as 'flu') is a highly contagious, acute viral infection of the respiratory tract. Virus transmission occurs when a susceptible individual comes into contact with aerosols or respiratory fomites from an infected individual.2 Influenza outbreaks occur each year during the fall and winter months. Type A viruses are typically more prevalent than type B viruses and are associated with most serious influenza epidemics, while type B infections are usually milder.

Respiratory Syncytial Virus (RSV), which causes infection of the lungs and breathing passages, is a major cause of respiratory illness in young children. In adults, it may only produce symptoms of a common cold, such as a stuffy or runny nose, sore throat, mild headache, cough, fever, and a general feeling of being ill. Most children with RSV infection, both those who were hospitalized and those who were treated as outpatients, had no coexisting medical conditions or characteristics that significantly identified them as being at greater risk for severe RSV disease, except for being

When the specimen is added to the specimen well of the test, the extracted specimen reacts specifically with the virus antibodies coated onto the particles, forming a mixture. The mixture migrates up the membrane and reacts with the virus antibodies on the membrane, resulting in the generation of one or two colored lines in the test regions. The presence of the colored line(s) in the test regions indicates a positive result, while its absence indicates a negative result. To serve as a procedural control, a colored line will always appear in the control line region, indicating that an appropriate volume of the specimen has been added and membrane wicking has occurred.

[REAGENTS]

The test contains SARS-CoV-2 antibody coated particle, Influenza A antibody coated particle, Influenza B antibody coated particle, RSV antibody coated particle, and contains SARS-CoV-2 antibody, Influenza A antibody, Influenza B antibody, RSV antibody coated on the membrane.

[WARNINGS AND PRECAUTIONS]

Please read all the information in this package insert before performing the test.

- 1. This kit is for self-testing in vitro diagnostic use only.
- 2.Do not use it after the expiration date. Do not reuse it.
- 3.Do not eat, drink or smoke in the area where the specimens or kits are handled.
- 4.Do not drink the buffer in the kit. Carefully handle the buffer and avoid it contacting skin or eyes, rinse with plenty of running water immediately if contacting.
- 5.Store the kit in a dry place at 2-30 °C (36-86 °F), avoiding areas of excess moisture. If the foil packaging is damaged or has been opened, please do not use.
- 6.Use the test only once and follow the test procedures strictly. Do not dismantle the test cassette or touch the test window of the test cassette.
- 7.Keep the kit out of the reach of children. Test for children should be conducted by an adult.
- 8. This test kit is intended to be used as a preliminary test only and repeated abnormal results should be discussed with doctor or medical professional.
- 9. Wash hands thoroughly before and after handling.
- 10.Please ensure that an appropriate amount of specimen is used for testing. Too much or too little specimen may lead to deviation of results.
- 11. Components provided in the kit are approved for use in the SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test. Do not use any other component from another commercial kit. [STORAGE AND STABILITY]

- 1.Store the kit at 2-30 °C. DO NOT FREEZE.
- Keep the kit away from sunlight, moisture and heat.
- 3.Do not use beyond the expiration date.
- 4. Open the pouch only shortly before the test. 5. Please use the test cassette within one hour after removing it from the foil pouch

KIT COMPONENTS

Materials Provides

materiale i revided					
	Kit size	1T/kit	5T/kit	10T/kit	20T/kit
	Test cassette(s)	1	5	10	20
Components	Sterile swab(s)	1	5	10	20
Components	Extraction buffer	1	5	10	20
	Package insert	1	1	2	4
	Tube holder	On th	ie box	1	1

Materials Required But Not Provided: Timer

- [LIMITATIONS] 1. Performance was evaluated with nasal swab specimens only, using the procedures provided in this package
- 2. The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test will only indicate the presence of SARS-CoV-2, Influenza A/Influenza B and RSV antigens in the specimen. Neither the quantitative value nor the rate of increase in the concentration of viruses can be determined by this qualitative test.
- 3. If the test result is negative and clinical symptoms persist, it is because the virus in very early infection stage may not be detected, and it is recommended to test again with a new kit or test with a molecular diagnostic device to rule out infection in these individuals.
- 4. Negative results do not rule out SARS-CoV-2 infection, particularly in those who have been in contact with the virus. Follow-up testing with a molecular diagnostic should be considered to rule out infection in these individuals.

 A negative result for Influenza A. Influenza B or RSV obtained from this kit should be confirmed by

RT-PCR/culture.

- 5. Positive results of COVID-19 may be due to infection with non-SARS-CoV-2 coronavirus strains or other interference factors. A positive result for Influenza A and/or B does not preclude an underlying co-infection with another pathogen, therefore the possibility of an underlying bacterial infection should be considered.
- 6. Excess blood or mucus on the swab specimen may interfere with test performance and may yield a false positive
- A false negative result may be obtained if the concentration of the viruses present in the specimen is not adequate
 or below the detectable level of the test, or if you fail to follow these procedures such as improper specimen
- 8. The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test is less reliable in the later phase of infection and in asymptomatic individuals
- The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test provides preliminary test results and they can't be used as the sole basis for treatment or other management decision. As with all diagnostic tests, a confirmed diagnosis should only be made after evaluating other clinical information available

[PERFORMANCE CHARACTERISTICS]

The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test has been evaluated with clinical specimens obtained from patients. RT-PCR was used as the reference method. Study results are presented in the tables below.

SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test		RT-PCR		T. (-1
		Positive	Negative	Total
SARS-CoV-2 Antigen	Positive	97	2	99
SAKS-COV-Z Antigen	Negative	3	422	425
Total		100	424	524
Relative Sensitivity		97.00% (9	5%CI*: 91.48%~99.3	38%)
Relative Specificity		99.53% (95%CI*: 98.31%~99.94%)		
Accuracy		98.05% (95%CI*: 97.79%~99.69%)		59%)

Influenza A+B Test:				
SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test		RT-PCR		Total
		Positive	Negative	iotai
Influenza A Antigen	Positive	82	3	85
illilueliza A Alitigeli	Negative	3	436	439
Total		85	439	524
Relative Sensitivity		96.479	% (95%CI*: 90.03%~99	.27%)
Relative Specificity		99.32% (95%CI*: 98.02%~99.86%)		
Accuracy		98.859	% (95%CI*: 97.52%~99	.58%)

SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test		RT-PCR		Total
		Positive	Negative	Total
Influenza B Antigon	Positive	69	3	72
Influenza B Antigen	Negative	2	450	452
Total		71	453	524
Relative Sensitivity		97.18% (95%CI*: 90.19%~99.66%)		
Relative Specificity		99.34% (95%CI*: 98.08%~99.86%)		
Accuracy		99.05% (95%CI*: 97.79%~99.69%)		.69%)

SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test		RT-PCR		Total
		Positive	Negative	Total
RSV Antigen	Positive	59	1	60
KSV Antigen	Negative	2	462	464
Total		61	463	524
Relative Sensitivity		96.72% (95%CI*:88.65%~99.60%)		
Relative Specificity		99.78% (95%CI*:98.80%~99.99%)		
Accuracy		99.43% (95%CI*:98.34%~99.88%)		

Lay-user Study

A lay-user study was performed by lay person to evaluate the use of the SARS-CoV-2/Influenza A+B/RSV Antiger Combo Rapid Test for Home and OTC Use by lay users in a simulated home use environment. In the lay-user self testing group, the study participants followed written instructions with illustrations for taking a nasal swab sample and performing the test themselves. The samples were collected and the tests performed under the observation of professionals, who did not intervene at any stage.

Total 250 lay-users participated in the study, the sensitivity of SARS-CoV-2 test is 97.22%, the Specificity is 99.53%; the sensitivity of Influenza A test is 97.06%, the Specificity is 99.07%, the sensitivity of Influenza B test is 96.88%, the Specificity is 99.54%, the sensitivity of RSV test is 96.97%, the Specificity is 99.08%. The results showed that the labeling provided with the test kit was comprehensive for its intended population; the ease of use was suitable for its intended population.

Detection Level Determination

Virus Strains	Subtype	Detection Level
BetaCoV/Wuhan/IPBCAMS-WH-01/2019	/	78 TCID ₅₀ /mL
A/Sydney/5/2021	H1N1	50 TCID ₅₀ /mL
A/South Australia/69/2019	H3N2	50 TCID ₅₀ /mL
B/Austria/1359417/2021	Victoria	50 TCID ₅₀ /mL
B/Darwin/58/2019	Yamagata	100 TCID _{so} /mL
A2	RSV type A	2.5X10° TCID50/mL
B WV/14617/85	RSV type B	1.0X10 ³ TCID ₅₀ /mL

Recombinant antigen	Detection Level
SARS-CoV-2	0.5 ng/mL
Influenza A	100 HA/mL
Influenza B	30 HA/mL
RSV	10 ng/mL

VARIANTS

These following strains could be detected out by the SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test at specific concentrations: SARS-CoV-2

Virus Strains	Concentra	ition	Virus Strains	Concentration
Delta variants (B.1.617.2)	100 TCID ₅₀	100 TCID ₅₀ /mL Omicron variants (B.1.1.5		100 TCID ₅₀ /mL
Delta variants (B.1.617.3)	100 TCID ₅₀	₀/mL	Omicron variants (BA.2)	100 TCID ₅₀ /mL
Delta variants (AY Sub-lineages	s) 100 TCID ₅₀	₀/mL		
Influenza			•	
Vinue Ctueine	O		Visus Ctrains	Composition

Virus Strains	Concentration	Virus Strains	Concentration
A/Brisbane/02/2018(H1N1)	1.0x10 ² TCID ₅₀ /mL	A/Victoria/6/2022(H3N2)	5.0x101 TCID50/mL
A/Victoria/2570/2019(H1N1)	5.0x10 ¹ TCID ₅₀ /mL	A/Sydney/1020/2018(H3N2)	1.0x10 ² TCID ₅₀ /mL
A/Sydney/175/2022(H1N1)	1.0x10 ² TCID ₅₀ /mL	B/Victoria/2110/19(Victoria)	5.0x101 TCID50/mL
A/Darwin/122/2018(H1N1)	5.0x10 ¹ TCID ₅₀ /mL	B/Brisbane/35/2018(Victoria)	1.0x102 TCID50/mL
A/Darwin/6/2018(H1N1)	5.0x101 TCID50/mL	B/South Australia/67/2018(Yamagata)	1.0x102 TCID50/mL
A/Brisbane/192/2017(H3N2)	1.0x10 ² TCID ₅₀ /mL	B/Victoria/706/2018(Yamagata)	5.0x101 TCID50/mL
A/Perth/9/2019(H3N2)	5.0x101 TCID ₅₀ /mL	B/Victoria/705/2018(Victoria)	5.0x101 TCID ₅₀ /mL

A/Darwin/9/2021(H3N2)	5.0x10 TCID ₅₀ /mL			
RSV				
Viru	s Strains	Concentration		
Long	g(RSV A)	2.5x10 ³ TCID ₅₀ /mL		
1853	7(RSV B)	5.0x10 ² TCID ₅₀ /mL		
Fukushima/RSVB/OI	R-379/2021(RSV B(BA 9))	1.0x10 ³ TCID ₅₀ /mL		
hRSV/B/China/SH10020102BA10/2010(RSV B(BA 10)) 5.0x10 ² TCID ₅₀ /mL				
	Cross-Reactivity			

The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test was evaluated with the following bacterial isolates.

None of them gave a positive result.		
Chlamydia pneumoniae	Neisseria subflava	Streptococcus sp Group F
Arcanobacterium	Pseudomonas aeruginosa	Haemophilus influenzae
Candida albicans	Staphylococcus aureus	Legionella pneumophila
Corynebacterium	Staphylococcus epidermidis	Bordetella pertussis
Escherichia coli	Streptococcus pneumoniae	Mycoplasma pneumoniae
Moraxella catarrhalis	Streptococcus pygenes	/
Neisseria lactamica	Streptococcus salivarius	/

The SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test was evaluated with the following viral strains. None

or them gave a positive result.		
Adenovirus type 2	Human coronavirus HKU1	Parainfluenza virus 1
Adenovirus type 3	MERS COV Florida	Parainfluenza virus 2
Adenovirus type 5	Human Rhinovirus 2	Parainfluenza virus 3
Adenovirus type 7	Human Rhinovirus 14	Parainfluenza virus 4
Human coronavirus OC43	Human Rhinovirus 16	Human Metapneumovirus
Human coronavirus 229E	Measles	Enterovirus 71
Human coronavirus NL63	Mumps	/

Interfering Substances

Test results will not be interfered by following substances at certain concentrations:

Whole Blood	Acetylsalicylic Acid	Ephedrine	Rebetol
Mucin	Chlorpheniramine	Flunisolide	Relenza
Sinus Buster Nasal Spray	Dexamethasone Guaiacol glyceryl ether		Rimatadine
NeoSynephrine Cold & Sinus Extra Strength Spray	Dextromethorphan	Mupirocin	Tamiflu
Zicamn Extreme Congestion Relief	Diphenhydramine	Oxymetazoline	Tobryamycin
Albuterol	Doxylamine Succinate	Phenylephrine	Triamcinolone
4-Acetamidophenol	/	/	/

[QUESTIONS & ANSWERS]

1. How does the SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test work?

The test can qualitatively detect SARS-CoV-2, Influenza A, Influenza B and RSV antigens in self-collected nasal swab specimens through the specific antibodies it contains. A positive result indicates SARS-CoV-2, Influenza A, Influenza B and/or RSV antigens present in the specimen.

2. When should the test be used?

SARS-CoV-2, Influenza A, Influenza B and RSV antigens can be detected in acute respiratory tract infection. You can do this test when you have the symptoms such as a stuffy or runny nose. sore throat, mild headache, cough, fever, and a general feeling of being ill.

3. Can the result be incorrect?

The results are accurate as far as the instructions are carefully followed. Nevertheless, the result can be incorrect due to inadequate specimen or that the SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Test gets wet before being used, or when the number of drops of extraction specimen applied is less than 3 or more than 4.

Besides, due to the immunological principle involved, there exist the chances of false results in rare cases. A consultation with the doctor is always recommended for such tests based on immunological principles.

4. How do I interpret the test results if the color and the intensity of the lines are different? Any visible test line, regardless of color intensity, should be interpreted as positive

5. My test result is negative. Does that mean I'm not infected?

No. While a negative test result means that you are probably not infected, if you are serious complication you should consult with your doctor.

6. If the test result is positive, what should I do?

A positive result indicates you probably have a SARS-CoV-2/Influenza A/Influenza B/RSV infection. Please see a doctor for medical aid.

7. Information of how to contact locally available support services.

For CUSTOMER SUPPORT HELPLINE: Call (02) 9959 2243, 9am-7pm (AEST), 7 days per week For information on the correct use of this test and for interpretation of the test results

8. How to contact the TGA to report poor performance or usability issues in the self-testing environment?

Report an issue via the Users Medical Device Incident Report, email iris@health.gov.au or call 1800 809 361.

If you have a COVID-1 POSITIVE result, staying at home protects the people in your community and you should not visit high-risk settings like hospitals and aged and disability care settings.

- If you feel unwell or need COVID-19 advice for someone in your care, talk with your health provider, or speak to a nurse by calling the healthdirect helpline on 1800 022 222.

- If you develop symptoms such as severe shortness of breath or chest pain, call triple zero (000) immediately. Tell the call handler and the paramedics on arrival if you have COVID-19.

[BIBLIOGRAPHY]

1. Diagnosis and Treatment Protocol for Novel Coronavirus Pneumonia (Trial Version 7). Chin Med J (Engl). 2020 May 5;133(9):1087-1095.

2. Kalii AC, Thomas PG. Influenza virus-related critical illness: pathophysiology and epidemiology. Crit Care. 2019 Jul

3. Hall CB, Weinberg GA, Iwane MK, et al. The burden of respiratory syncytial virus infection in young children. N Engl J Med. 2009 Feb 5;360(6):588-598

Statement: Information about manufacturer of sterile swab is placed on the packaging.

Number: 14602958400 Revision Date: 2025-07-25



Before testing, scan the QR code to watch the "how to use" video.

BEFORE STARTING

Wash your hands with soap and water for at least 20 seconds before and after test. If soap and water are not available, use hand sanitizer with at least 60%



1. PREPARE FOR THE TEST

1A. Check the expiration date on the box.

Do not use if the kit has been damaged or has expired.

1B. Ensure kit is at room temperature for at least 30 minutes prior to use.

Open the box carefully as it will be used in a later step (1D).

Do not open individual components until instructed.

Note: A timing device (clock, timer, phone etc.) is required, but not provided.

1C. Remove the cover of the tube with extraction buffer.

1D. Put the tube in the tube holder in the box.

Note: Being careful not to spill the tube contents.



Do not touch the test device during this period.

Read the result at 10 minutes.

Keep test device flat on table.

Do not read the result earlier than 10 minutes or after 20 minutes

2A. Open swab protective pouch.

2. NASAL SWAB SPECIMEN COLLECTION

Remove the sterile swab from the pouch.

Keep fingers away from the swab end. Touch the stick end only.



2B. Swabbing both nostrils.

Insert the soft end of the swab into your nostril until you feel resistance (Approx. 2cm up your nose).

Slowly twist the swab, rubbing it along the insides of your nostril, 5-10 times against the nasal wall. Gently remove Swab from nostril.



2C. Using the same swab, repeat step 2B, in your other nostril. Withdraw the swab.

Note:

- 1 This may feel uncomfortable. Do not insert the swab any deeper if you feel strong resistance or pain.
- 2 When the nasal mucosa is damaged or bleeding, nasal swab collection is not recommended.
- 3 If you are swabbing others, please wear a face mask. With children, you may not need to insert the swab as far into the nostril.
- 4 For very young children, you may need another person to steady the child's head while swabbing.

2D. Insert the swab into the extraction tube.

Ensure it is touching the bottom and stir the swab to mix

Press the swab head against the tube and rotate the swab for 10-15 seconds.



2E. Hold the tube firmly with one hand.

Remove the swab while squeezing the swab head against the inside of the extraction tube. Place the swab in a plastic bag.



2F. Close the cap of the extraction tube

Return the tube to the Kit Box tube holder before proceeding to the next step.



3. PERFORM THE TEST

3A. Remove the test cassette from the sealed foil pouch and use it within one (1) hour.

Note: Best results will be obtained if the test is performed immediately after opening the foil pouch.

Place the test cassette on a flat and level surface.

Do not move the test cassette during test developing.

3B. Invert the specimen extraction tube and add 3 drops of extracted specimen to each sample well (S) of the test cassette.



Start the timer. Secure tube cap back on extraction tube and wait 10 minutes.

4. READING THE RESULTS

Please share your test result with your healthcare provider.

POSITIVE

SARS-CoV-2 RSV Positive

FIUA

POSITIVE SARS-CoV-2/RSV:* Two colored lines appear in the COVID-19/RSV window.

One colored line should be in the control region (C) and another colored line should be in the Test region (T).

POSITIVE Influenza A:* Two colored lines appear in the FLU A+B

One colored line should be in the control region (C) and another colored line should be in the Influenza A region (A).



Positive

POSITIVE Influenza B:* Two colored lines appear in the FLU A+B window.

One colored line should be in the control region (C) and another colored line should be in the Influenza B region (B).



POSITIVE Influenza A and Influenza B:* Three colored lines appear in the FLU A+B window.

One colored line should be in the control region (C) and two colored line should be in the Influenza A region (A) and Influenza B region (B) respectively.

*NOTE: The intensity of the colored line in the test line region (T/B/A) varies based on the amount of SARS-CoV-2, Influenza A/Influenza B and/or RSV antigen present in the specimen. So any shade of color in the test region (T/B/A) should be considered positive.

A positive result means it is very likely you have COVID-19. Influenza A/Influenza B and/or RSV, but the positive specimens should be confirmed to reflect this. Immediately go into self-isolation in accordance with the local guidelines, immediately contact your general practitioner/doctor or the local health department and obtain guidance on confirmation testing if necessary in accordance with the instructions of your local authorities. Seek medical assistance if you feel unwell.

NEGATIVE





NEGATIVE: One colored line appears in the control region

No colored line appears in the test line region (T/B/A). Negative Negative

You are unlikely to have COVID-19. Influenza A/Influenza B and/or RSV. However. it is possible for this test to give a negative result that is incorrect (a false negative) in some people with COVID-19, Influenza A/Influenza B and/or RSV. This means you could possibly still have COVID-19, Influenza A/Influenza B and/or RSV even though the test is negative.

In addition, you can repeat the test with a new test kit. In case of suspicion, repeat the test after 1-2 days, as the coronavirus/Influenza virus/Respiratory syncytial virus cannot be precisely detected in all phases of an infection.

Even with a negative test result, distance and hygiene rules must be observed. Migration/traveling, attending events and etc. should be done following your local COVID/Influenza/RSV guidelines/requirements.

INVALID

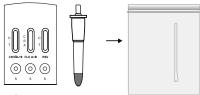


INVALID: Control line fails to appear.

Insufficient specimen volume or incorrect procedural techniques are the most likely reasons for control line failure. Review the procedure and repeat the test with a new test or contact with a COVID-19 and/or Influenza test center. If an invalid result continues after repeating, advice to contact the sponsor.

5. DISPOSE THE TEST KIT

After the test is complete, place all the components in a plastic bag and tightly sealed, then dispose in household waste or rubbish bin.



[INDEX OF SYMBOLS]

(ii)	Consult instructions for use or consult electronic instructions for use	Σ	Contains sufficient for <n> tests</n>	2°C- 30°C	Temperature limit
IVD	In vitro diagnostic medical device	LOT	Batch code	REF	Catalogue number
	Manufacturer	κ	Use-by date	\otimes	Do not re-use
	Do not use if package is damaged and consult instructions for use	\triangle	Caution		



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