



## Novel Coronavirus(SARS-CoV-2) Antigen Test (Chemiluminescence Immunoassay)

### Product Features

- Fully automatic, fully quantitative.
- Single-dose format for all assays.
- No inter-reagent or inter-sample contamination.
- No additional reagents, buffer solution or sample pipettes required.
- 6 or 12 parallel independent test channel enables doing six samples simultaneously.

### Clinical Performance

**Sensitivity: 98.55%; Specificity: 100%; Accuracy: 99.51%.**

For professional use only.



# Novel Coronavirus(SARS-CoV-2) Antigen Test (Chemiluminescence Immunoassay)

## Sample collection

1

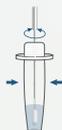


**Nasal swab:** The sampling staff holds the swab, gently inserts the swab into the nostril, along the nasal septum, just above the floor of the nasal canal. When the top of the swab reaches the posterior wall of the nasal cavity, gently rotate it for one cycle (if reflex cough, stay for a moment), and then slowly remove the swab.



**Throat swab:** Let the patient's head tilt back slightly, mouth open, and make "ah" sounds, exposing the pharyngeal tonsils on both sides. Hold the swab and use a little force to wipe the pharyngeal tonsils on both sides of the patient back and forth at least 3 times. Then wipe up and down the posterior pharyngeal wall at least 3 times.

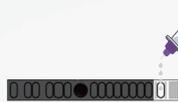
## 2 Sample Treatment



After sampling, soak the swab below the liquid level of the sampling tube, rotate and press 3 times, and the soaking time of the swab is not less than 15s. Squeeze the swab head against the tube wall, take out the swab, and tighten the sampling tube. The liquid in the tube is the treated sample.

3

## Sample experiment



Add 100 $\mu$ L (approximately 4 drops) of sample to the sample hole.

4



The automatic chemiluminescence immunoassay analyzer can automatically display the test results after 17 minutes.

## Clinical Performance

A total of 617 throat swabs samples were tested in this test, and the results of throat swabs samples were analyzed statistically.

Assessment system Novel Coronavirus (SARS-CoV-2) Antigen Test (Chemiluminescence Immunoassay)	Reference system (clinical diagnostic results)		
	Positive (+)	Negative(—)	Total
Positive(+)	204	0	204
Negative(—)	3	410	413
Total	207	410	617

**Sensitivity: 98.55%; Spesitivity: 100.00%; Accuracy: 99.51%.**

## Product information

Product name	Test samples	Specifications	Storage conditions
Novel Coronavirus(SARS-CoV-2) Antigen Test (Chemiluminescence Immunoassay)	Nasal swab, Throat swab	36T/Kit	2 C~8 C

