

COVID-19 Antigen Rapid test Device

The test is for professional use only.

Introduction

The novel coronaviruses belong to the β genus. COVID-19 is an acute respiratory infectious disease. People are generally susceptible. Based on the current epidemiological investigation, the incubation period is 1 to 14 days, mostly 3 to 7 days.

The COVID-19 Antigen Rapid Test Device is an in vitro immunoassay. The assay is for the direct and qualitative detection of SARS-CoV-2 viral nucleoprotein antigens from nasal and nasopharyngeal secretions. The assay is in aid of diagnosis of COVID-19.



Advantage

- Easy to use
- No equipment required
- Rapid detection within 15 minutes

Sample

- Nasopharyngeal swab
- Oropharyngeal swab

Order Information:

Product Name	Catalog No.	Specimen Used	Test Format	Kit size
COVID-19 Antigen test	COV-S23	OP/NP Swab	device	20 tests/kit

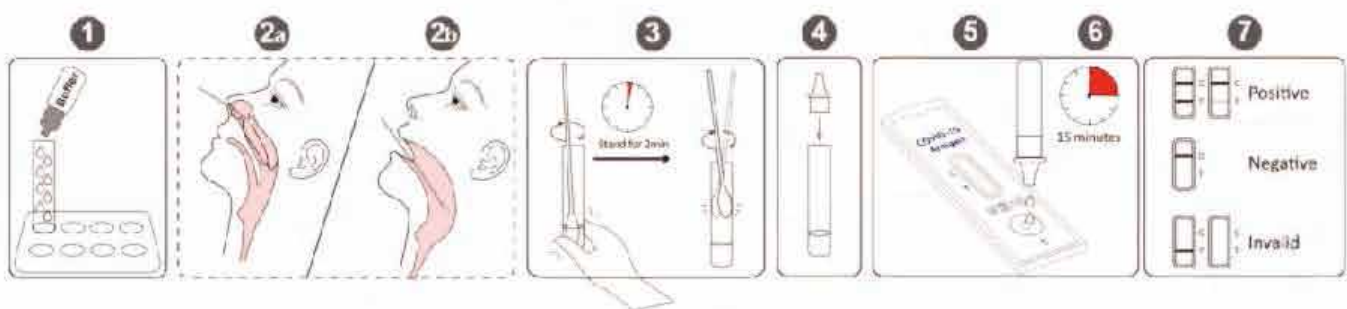
COVID-19 Antigen Rapid Test vs. RT-PCR

		RT-PCR		Total
		Positive	Negative	
COVID-19 Antigen Rapid Test	Positive	50	9	59
	Negative	3	1027	1030
Total		53	1036	1089

- Relative Sensitivity: 94.3 % (84.6%~98.1%) *
- Relative Specificity: 99.1% (98.4%~99.5%)*
- Overall Agreement: 98.9 % (98.1%~99.4%)*

*95% Confidence Interval

Test Procedure



Comparison with PCR

	Antigen Rapid Test	PCR Test
Testing Time	15 minutes	>1Hour
Equipment Requirement	NO special equipment needed	Professional PCR equipment needed
Operation	Use according to the instruction	Requires trained technicians
	Easy to use	Complicated operation
Transport/Storage	Room Temperature	Cold-chain
Positive test result mean	Active Infection	Active Infection