



DBiomed Inc.
Enhancing Science Everyday



COVID-19 Rapid Antigen Test Device

The COVID-19 Rapid Antigen Test Device is an *in vitro* chromatographic immunoassay for direct, qualitative detection of SARS-CoV-2 viral nucleoprotein antigens from nasopharyngeal secretions. This product can be administered at point-of-care to enable rapid identification of potentially contagious individuals.



Advantages

- ✓ Rapid results within 15 minutes
- ✓ Visual read-out
- ✓ No reader or equipment required
- ✓ 20 individually wrapped tests per box

Specifications

Kit size: 20 tests/kit*
Storage: 2-30 °C
Shelf life: 18 months

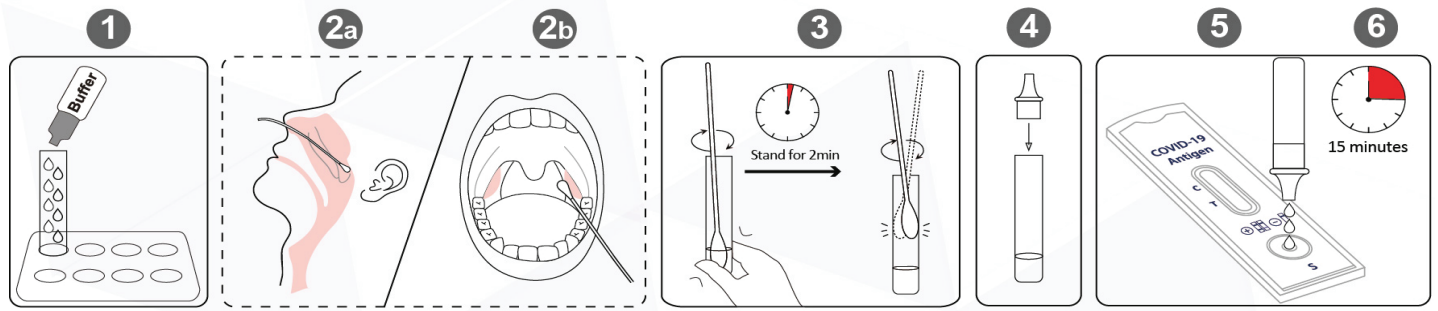
Contents

The following components are needed for testing and are included in the kit

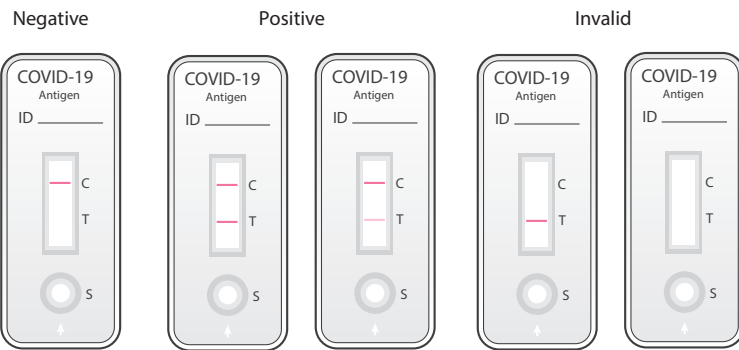
- ✓ 20 pcs individually packed swabs
- ✓ Extraction buffer
- ✓ 20 pcs extraction tubes
- ✓ 20 pcs nozzle filter
- ✓ Tube stand
- **Positive control
- **Negative control

*The test is for professional use only
**Available upon request

Test Procedure



Interpretation of Results



POSITIVE: Two colored bands appear on the membrane. One band appears in the control region (C) and another band appears in the test region (T).

NEGATIVE: Only one colored band appears, in the control region (C). No apparent colored band appears in the test region (T).

INVALID: Control band fails to appear.

COVID-19 Antigen Rapid Test vs RT-PCR

		RT-PCR		Total
		Positive	Negative	
Covid-19 Antigen Rapid Test	Positive	125	9	134
	Negative	3	1027	1030
		128	1036	1164

Relative Sensitivity:
97.7% (93.3%~99.2%)*

Relative Specificity:
91.1% (98.4%~99.5%)*

Overall Agreement:
99.0% (98.2%~99.4%)*

*95% Confidence Interval