



**BIOANTIBODY**

SCIENCE AND TECHNOLOGY IMPROVE GLOBAL ECOLOGY

# ANTIGEN DETECTION PRODUCT LIST

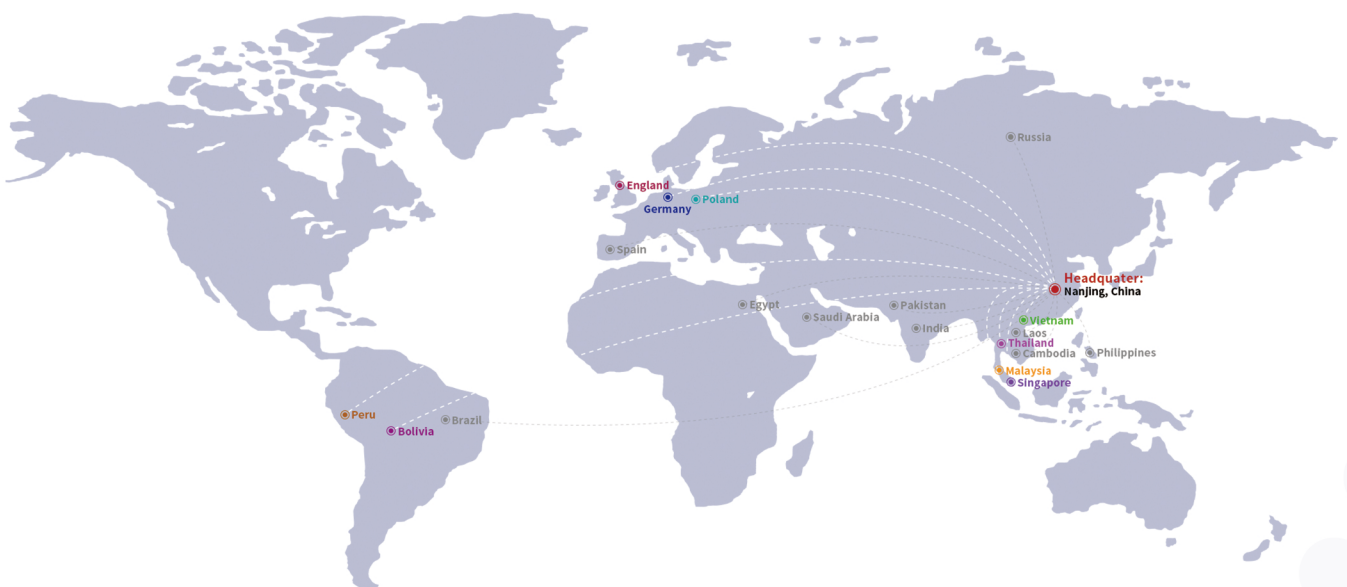
# About Us

Bioantibody Biotechnology Co., Ltd. (Bioantibody) is a high-tech biotechnology company focusing on the R&D and production of antigens, antibodies and downstream detection reagents for diagnosis and therapy.

***The product pipelines cover cardiovascular and cerebrovascular, inflammation, infectious diseases, tumors, hormones and other categories,*** from raw materials to finished products.

Currently, ***the COVID-19 series of products have been delivered to more than 60 counties and cities.*** Using the ISO 13485 management system, the product quality is greatly trusted by customers.

With the mission ***“Science and Technology Improve Global Ecology”***, we are committed to innovation and providing our best solutions to our customers. We sincerely believe we could make our special contribution to human ecology and health.



# Why perform antigen test? (\*)

★ Rapid Antigen tests (Ag-RDT) are easy to use, can rapidly detect SARS-CoV-2 infection and do not require laboratory infrastructure.

★ Can be used outside of clinical and laboratory settings, including in communities.

★ **WHO recommends that all suspected cases be tested for SARS-CoV-2 Ag-RDT.**

## 1 CASE FINDING

As a **primary case-detection tool** for testing all suspected cases. Can be used in many settings including in health facilities, testing centers, care homes, prisons, schools, communities where there is ongoing transmission.

## 2 CONTACT TRACING

To **identify infection among asymptomatic contacts of cases.**

## 3 OUTBREAK INVESTIGATIONS

To **confirm suspected outbreaks** among symptomatic individuals, especially in closed or semi-closed settings including schools, care homes, cruise ships, prisons, workplaces and dormitories, etc.

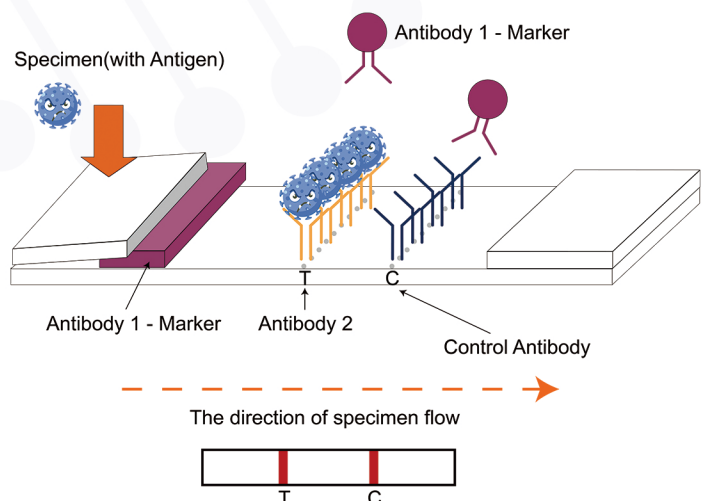
## 4 MONITOR TRENDS

To **monitor trends in disease incidence in communities**, and particularly among frequently exposed workers, including health and care workers, irrespective of symptoms.

## Test Principle



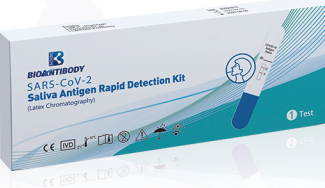
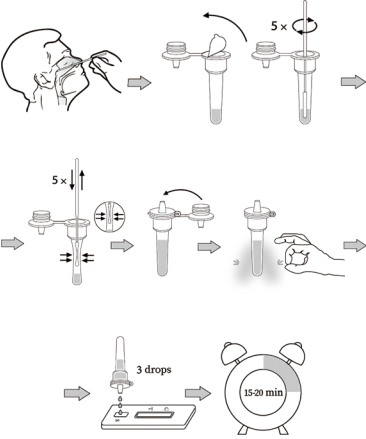
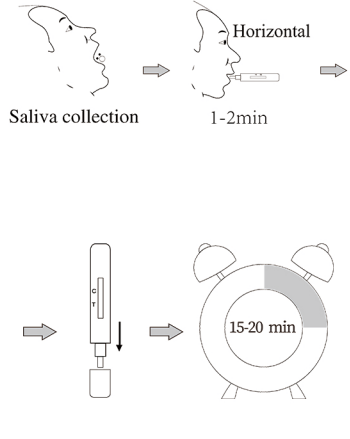
It is a lateral flow assay that qualitatively detects the presence of nucleocapsid (N) protein in upper respiratory samples.

This lateral flow assay is designed with the Double-antibody sandwich immunoassay format.



\*Cited from WHO (<https://www.who.int>)

# product type

	 <p><b>Swab Version</b></p>	 <p><b>Saliva Bag Version</b></p>	 <p><b>Lollipop Version</b></p>
<p><b>PRODUCT NAME</b></p>	<p>SARS-CoV-2 <b>Antigen Rapid Detection Kit</b> (Latex Chromatography)</p>	<p>SARS-CoV-2 <b>Saliva Antigen Rapid Detection Kit</b> (Latex Chromatography)</p>	<p>SARS-CoV-2 <b>Saliva Antigen Rapid Detection Kit</b> (Latex Chromatography)(Mouth-Type)</p>
<p><b>ADVANTAGE</b></p>	<p><b>Economic:</b> Room temperature for storage &amp; transportation  <b>Convenient:</b> Easy to test  <b>Fast:</b> Get result within <b>15-20</b> mins  <b>Safe:</b> Non-invasive sampling</p>		
<p><b>STEPS</b></p>			
<p><b>RELIABLE</b></p>	<p><b>Sensitivity: 98.9%</b>  <b>Specificity: 98.11%</b>  <b>Accuracy: 98.4%</b></p>	<p><b>Sensitivity: 96.23%</b>  <b>Specificity: 97.94%</b>  <b>Accuracy: 97.26%</b></p>	<p><b>Sensitivity: 97.39%</b>  <b>Specificity: 98.54%</b>  <b>Accuracy: 98.04%</b></p>

# order info

	 <p><b>Swab Version</b></p>	 <p><b>Saliva Bag Version</b></p>	 <p><b>Lollipop Version</b></p>
<b>PRODUCT NAME</b>	SARS-CoV-2 <b>Antigen Rapid Detection Kit</b> (Latex Chromatography)	SARS-CoV-2 <b>Saliva Antigen Rapid Detection Kit</b> (Latex Chromatography)	SARS-CoV-2 <b>Saliva Antigen Rapid Detection Kit</b> (Latex Chromatography)(Mouth-Type)
<b>CAT. NO</b>	XGKY- <b>001</b> XGKY- <b>001-5</b> XGKY- <b>001-25</b>	XGKY- <b>002</b> XGKY- <b>002-25</b>	XGKY- <b>003</b> XGKY- <b>003-25</b>
<b>SIZE</b>	<b>1</b> Test/Kit <b>5</b> Tests/Kit <b>25</b> Tests/Kit	<b>1</b> Test/Kit <b>25</b> Tests/Kit	<b>1</b> Test/Kit <b>25</b> Tests/Kit
<b>SPECIMEN</b>	<b>Nasopharyngeal swab &amp; Nasal Swab</b>	<b>Saliva</b>	<b>Oral Fluid</b>
<b>SHELF LIFE</b>	<b>18 Months</b>	<b>18 Months</b>	<b>18 Months</b>
<b>STORAGE TEMP</b>	<b>2~30 °C</b>	<b>2~30 °C</b>	<b>2~30 °C</b>



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## **Bioantibody Biotechnology Co., Ltd.**

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