

SARS-Cov-2 Assay Kit Series

- Antigen & Antibody
- Applied in home & public facilities

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Sichuan Xincheng Biological Co., LTD

Diacegene SARS-CoV-2 Assay kit Series

SARS-CoV-2 Antigen Assay Kit by latex immunochromatography method (For self-test)

✓ CE

For self qualitative detection of specific antigens of SARS-CoV-2 present in human nasal cavity.

- Specimen: Nasal swab
- Result shows within 15 minutes
- Easy to use, no instrument needed
- 96% of sensitivity , 100% of specificity, 98% accuracy



SARS-CoV-2 Antigen Assay Kit by immunofluorescence chromatography method

✓ CE ✓ BfArM

For qualitative and semi-quantitative detection of specific antigens of SARS-CoV-2 present in human nasal cavity or oral cavity.

- cavity or oral cavity.
- Specimen: Nasopharyngeal swab, oropharyngeal swab
- Result shows within 15 minutes
- Easy to use, compatible with instrument
- High sensitivity and specificity



SARS-CoV-2 Antigen Assay Kit by latex immunochromatography method

✓ CE ✓ BfArM

For qualitative detection of specific antigens of SARS-CoV-2 present in human nasal cavity or oral cavity.

- Specimen: Nasopharyngeal swab, oropharyngeal swab
- Result shows within 15 minutes
- Easy to use, no instrument needed
- 96% of sensitivity and 100% of specificity 98% accuracy



SARS-CoV-2 Neutralizing Antibody Assay Kit by immunofluorescence chromatography method

✓ CE

For qualitative detection of neutralizing antibody of SARS-CoV-2 in blood.

- Specimen: 5µl of serum/plasma or 8.5µl of whole blood
- Result shows within 8 minutes
- Easy to use, compatible with instrument
- Suitable for screening people who have vaccinated .



SARS-CoV-2 Neutralizing Antibody Assay Kit by latex immunochromatography method

✓ CE

For qualitative detection of neutralizing antibody of SARS-CoV-2 in blood.

- Specimen: 5µl of serum/plasma or 8.5µl of whole blood
- Result shows within 15-20 minutes
- Easy to use
- Suitable for screening people who have vaccinated .



SARS-CoV-2 IgG/M Antibody Assay Kit by immunofluorescence chromatography method

✓ CE

For quantitative detection of IgG/M antibody of SARS-CoV-2 in blood.

- Specimen: 5µl of serum/plasma or 8.5µl of whole blood
- Result shows within 8 minutes
- Easy to use, compatible with instrument
- Independent clinical trials showed accuracy of $\geq 98\%$



Strength and Highlights

Rapid

- Be used directly at the point of care testing (POCT)
- Test result shows in 8-15 minutes

Easy to use

- No trained technicians and lab settings are required for operation
- Antigen assay kit by latex chromatography method requires no analyzer

Accurate

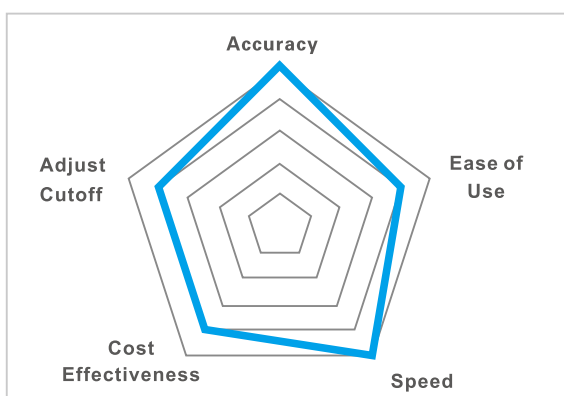
- Independent clinical trials show precision of up to more than 98%
- The cutoff curve is available to adjust to achieve higher accuracy

Cost efficient

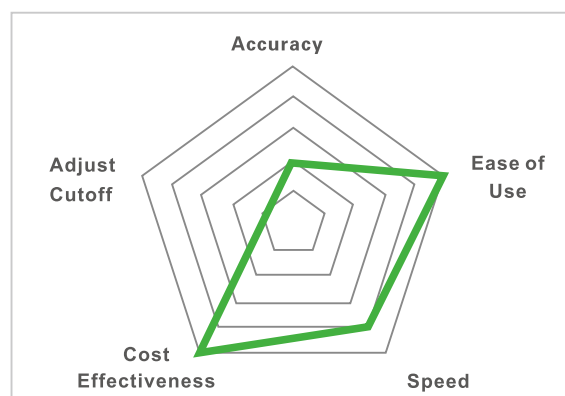
- Small and lightweight
- Low freight and handling cost
- One purchase, multiple project applications

Method Comparison

Immunofluorescence



Latex



The Application of Test

Rapid, accurate, and easy to use

Transportation Hub : Rapid detection of transporting population. Airports, railway stations, highway tollbooths, subway stations, ports



Hospital & Clinics: To identify infected patients. Medical personnel, suspected cases



Enterprise & Organization:

Employment screening. Government, business units, the military, international organizations



For Civil Use: Community screening. Home, Towns, schools, communities



Compatible Fluorescent Immunoanalyzers

- Small , portable, touchscreen, simple operation
- Cards ejected automatically upon completion
- Can be connected to LIS
- Other tests are available (Inflammation indicators, myocardial markers, hormones, HbA1c, and influenza A/B)

IFP-2000



IFP-3000

