

## Effectiveness Statement of SARS-CoV-2 Rapid Antigen Test (Colloidal Gold Method) for the SARS-CoV-2 Variants Detection

On November 26, 2021, WHO held an emergency session and released a statement in which the SARS-CoV-2 variant B.1.1.529 was listed as a “Variant of Concern” and named Omicron. According to WHO, the Omicron variant was first reported in South Africa. Preliminary studies showed that the variant has increased the risk of SARS-CoV-2 infection in human.

The Omicron mutant strain has 6 mutation sites on the nucleocapsid protein, which are P13L, E31del, R32del, S33del, R203K and G204R. Our SARS-CoV-2 Rapid Antigen Test (Colloidal Gold Method) uses the paired antibody to recognize the NTD position 44-174. In theory, our SARS-CoV-2 Rapid Antigen Test (Colloidal Gold Method) can detect Omicron mutant strain normally.

We will continue to track and update the latest viral information including mutations and substitutions for SARS-CoV-2 to maintain the specificity and sensitivity of our products.

Sansure Biotech Inc.

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