

中国科学院海西研究院转化医学中心

Translational Medicine Research Center, Haixi Institutes
Chinese Academy of Sciences

Report of COVID-19 Antigen Rapid Test Kit (Colloidal Gold) about Omicron variant strain

Date: 2021-12-02

Product Name: COVID-19 Antigen Rapid Test Kit (Colloidal Gold)

Package: 1 Test/Kit

REF. No.: CG01Ag-01

Manufacturer: Xiamen AmonMed Biotechnology Co., Ltd.

Company Address: Unit 503, No. 120 Xinyuan Road, Haicang District, Xiamen, Fujian, China

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Information of AmonMed COVID 19 Antigen Rapid Test Kit (Colloidal Gold) about Omicron variant strain

The Translational Medicine Research Center was conducted from Alpha variant strains base on routine bioinformatics analysis and laboratory verification have been carried out. Computer stimulation data and key mutant sites pseudovirus experimental results have comfrimed that AmonMed COVID 19 Antigen Rapid Test Kit (Colloidal Gold) can detect major Novel coronavirus variant strain, including the Delta variant strain which has been validated by a large number of clinical tests. According to bioinformatics comparison of the novel Coronavirus "Omicron" variant strain found in South Africa at present. The new variant strain B.1.1.529 has about more than 50 mutation sites, including 32 mutation sites on S protein and 4 mutation sites on N protein, of which 3 mutation sites have appeared in the last year. Therefore, AmonMed COVID 19 Antigen Rapid Test Kit (Colloidal Gold) can detect Omicron mutant strain.

Conclusion

AmonMed COVID 19 Antigen Rapid Test Kit (Colloidal Gold) can detect Omicron mutant strain.



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