

Shenzhen Watmind Medical Co., Ltd

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STATEMENT ON THE DETECTION OF COVID-19 VARIANTS

Recently, Shenzhen Watmind Medical Co., Ltd. has completed the detection and validation of the currently popular COVID-19 variants, including bioinformatics comparisons, laboratory simulation samples and some real samples. The strains of COVID-19 variants verified by tests include Alpha (UK,B.1.1.7), Beta (South Africa, B.1.351), Gamma (Brazil, P.1), Delta (India, B.1.167.2), Epsilon (USA, B.1.429+B.1.427), Lambda (Peru, C.37), Kappa (India,B.1.167.1), Eta (UK/Nigeria, B.1.525), Iota (USA,B.1.526), P.2 (Brazil, P.1), MU(B.1.621), Fin-796H(FINLAND),N.9、 B.1.616(FRANCE) and other variant strains, the results show that the SARS-CoV-2 Ag Test Kit manufactured by Shenzhen Watmind Medical Co., Ltd. can be effectively detected.

For the updated New Coronavirus variant strain Omicron (B.1.1.529), which was updated in November 25th, bioinformatics analysis showed that the antigenic epitope of target antigen of the SARS-CoV-2 Ag Test Kit manufactured by Shenzhen Watmind Medical Co., Ltd. is located at positions 149 ~ 178 in the NTD region of the full-length structure of SARS-CoV-2 nucleocapsid protein, and the nucleocapsid protein variation site of Omicron is R203K G204R, The SARS-CoV-2 Ag Test Kit can also detect effectively ,and the laboratory verification experiment of its detection performance is still in progress.

Shenzhen Watmind Medical Co., Ltd. located in Shenzhen. China is a medical and health diagnosis enterprise integrating independent innovation, large-scale production and marketing. The company is committed to the R&D, production and sales of the in vitro diagnostic immunoassay rapid detection platform, providing professional, fast and accurate high-tech medical diagnostic products for the global medical market.

Our company will attach great importance to the variation of COVID-19. We will continuously track, evaluate and verify the impact of the variant strains of COVID-19 in the global on the SARS-CoV-2 Ag Test Kit manufactured by Shenzhen Watmind Medical Co., Ltd. We will ensure that the kits produced by our company can detect all COVID-19 variant strains and avoid the occurrence of inefficient detection and missing detection.

Your sincerely

Authorized Signatory: Shenzhen Watmind Medical Co., Ltd.

