

## Statement on the monitoring of SARS-CoV-2 variants

Recently, the SARS-CoV-2 has been discovered the newest SARS-CoV-2 variant "Omicron", whose Pango lineage is **BA.5**. The Sejoy urgently established a special verification team to monitor and analyze the genetic data of the newly discovered SARS-CoV-2 variant; By the Peptide probe sequence comparison results of the marketed products and by verifying the inactivated virus culture of these mutant strains (The virus culture solution was inactivated with  $\beta$ -propiolactone.  $\beta$ -Propiolactone can bind to the genetic material of pathogenic microorganisms and inactivate them without affecting the properties of the protein. Therefore, the virus culture medium after inactivation by this method will not have any impact on the performance evaluation of the SARS-CoV-2 antigen Rapid Test Cassette), the results confirmed that the SARS-CoV-2 Antigen Rapid Test Cassette (Ref.:**COVG-602**、**COVG-602ST**) and the SARS-CoV-2 Antigen Saliva Lolly Test (Ref.:**COVG-603**) that has been marketed by Hangzhou Sejoy Electronics & Instruments Co.,Ltd. has no missed detection against the above-mentioned variant and still ensure the accuracy and sensitivity of the detection reagents.

Clinical performance of SARS-CoV-2 Antigen Rapid Test Cassette and SARS-CoV-2 Antigen Saliva Lolly Test has been determined by testing specimens of SARS-CoV-2 antigen, after verification of the Omicron variant, the sensitivity is not affected.

Up to now, our company has monitored and analyzed the genetic data of major epidemic SARS-CoV-2 variants, including Alpha variant (B.1.1.7), Beta variant (B.1.351), Gamma variant (P.1) and Delta variant (B.1.617.2), Lambda (C.37), Omicron variant (B.1.1.529, BA.2, XE, BA.4, BA.5, BA.2.75, BQ.1.1), Zeta (P.2), Kappa (B.1.617.1), Eta (B.1.525), Iota (B.1.526), Epsilon (B.1.427), Theta (P.3) our company will continue to pay attention to the variant of the SARS-CoV-2 to ensure that our company's SARS-CoV-2 Antigen Rapid Test Cassette (Ref.:**COVG-602**、**COVG-602ST**) and SARS-CoV-2 Antigen Saliva Lolly Test (Ref.:**COVG-603**) will not miss detection and ensure the sensitivity, accuracy and specificity are not affected.

杭州世佳电子有限公司  
HANGZHOU SEJOY ELECTRONICS & INSTRUMENTS CO.,LTD.