



Biotest
博拓生物
股票代码: 688767

杭州博拓生物科技股份有限公司
Hangzhou Biotest Biotech Co., Ltd.

STATEMENT

To whom it may concern:

This letter is to declare for the detection of various new COVID-19 variants using COVID-19 Antigen Rapid Test Cassette manufactured by Hangzhou Biotest Biotech Co., Ltd.

By comparison of N-protein, there was no variation in the overlap of Epitope(s) locations of anti-SARS-CoV-2 antibody used for coating on the membrane and conjugation for the following mutant virus strains: BA.1, BA.2, BA.2.10, BA.2.12, BA.2.12.1, BA.2.75, XE, BF.7, BJ.1, XBB, BA.2.75.2, BN.1, BA.5.2.35, XBB.1.5, CH.1.1, CH1.1.1, CH1.1.2, XBF(BA.5 x CJ.1), XBB.1.9.1, XBB.1.9.2, XBB.1.16, XBB.2, XBB.2.3, XBB.2.3.2, XBB.1.16.1, XBB.1, FL.3 (XBB.1.9.1.3), XBB.1.5.7, FL.3.1, FL.4, FL.3.3, FY.1.2, EG.2, EG.5.1, GE.1(XBB.2.3.10.1), EG.5.1.1(XBB.1.9.2.5.1.1), XBB.1.16.6, EG.5.1.3(XBB.1.9.2.5.1.3), XBB.1.16.15, EG.5.1.6, BA.2.86, JD.1.1 (XBB.1.5.102.1.1), EG.5.1(XBB.1.9.2.5.1), GE.1(XBB.2.3.10.1), EG.5.1.1(XBB.1.9.2.5.1.1), XBB.1.16.6, EG.5.1.3(XBB.1.9.2.5.1.3), XBB.1.16.15, EG.5.1.6(XBB.1.9.2.5.1.6), EG.5.1.4 (XBB.1.9.2.5.1.4), FL.1.5.1(XBB.1.9.1.1.5.1), XBB.1.16.11, HK.6 (XBB.1.9.2.5.1.1.6), JF.1 (XBB.1.16.6.1), EG.10.1 (XBB.1.9.2.10.1), HF.1 (XBB.1.16.13.1), XBB.1.16, DV.7.1 (BA.2.75.3.4.1.1.1.1.7.1), GS.4.1 (XBB.2.3.11.4.1), FL.1.5 (XBB.1.9.1.1.5), HK.3 (XBB.1.9.2.5.1.1.3), BA.5, BA.2.86.1, HV.1 (XBB.1.9.2.5.1.6.1), JG.3 (XBB.1.9.2.5.1.3.3), JN.1, XDK, KP.1.1, KP.2, Alpha(B.1.1.7), Beta(B.1.351), Kappa (B.1.617.1), Omicron(B.1.1.529). It can be inferred that the COVID-19 Antigen Rapid Test Cassette product is capable of detecting above mutant virus strain.

By comparison of N-protein, there was one Amino Acid (AA) change in the overlap of Epitope(s) locations of anti-SARS-CoV-2 antibody used for coating on the membrane, and no variation in the overlap of anti-SARS-CoV-2 antibody used for conjugation for B.1.617.2(Delta), BA.4, BA.4.6, BQ.1, BQ.1.1, BQ.1.1.20. So it can be inferred that to a large extent COVID-19

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Antigen Rapid Test Cassette product is capable of detecting above mutant virus strain.

By comparison of N-protein, there was two Amino Acid (AA) change in the overlap of Epitope(s) locations of anti-SARS-CoV-2 antibody used for coating on the membrane, and no variation in the overlap of anti-SARS-CoV-2 antibody used for conjugation for BE.3. So it can be inferred that to a large extent COVID-19 Antigen Rapid Test Cassette product is capable of detecting the mutant virus strain BE.3.

By comparison of N-protein, there was one Amino Acid (AA) change in the overlap of Epitope(s) locations of anti-SARS-CoV-2 antibody used for coating on the membrane, and one Amino Acid (AA) change in the overlap of anti-SARS-CoV-2 antibody used for conjugation for Gamma (P.1). So it can be inferred that to a large extent COVID-19 Antigen Rapid Test Cassette product is capable of detecting the mutant virus strain Gamma (P.1).

Thank you for your support and trust on our COVID-19 Antigen Rapid Test Cassette products.

Sincerely,

RDT Director:

Hangzhou Biotest Biotech Co., Ltd

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