



# ZHUHAI LITUO BIOTECHNOLOGY CO., LTD.

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## STATEMENT (Compatibility with New Strains)

Product name: COVID-19 Antigen Detection Kit (Colloidal Gold)

The COVID-19 Antigen Detection Kit (Colloidal Gold) Model S has its detection target in the C-terminal region of Nucleoprotein (N), amino acids sequence 243-419aa.

Statement subject:

- SARS-CoV-2 VUI 202012/01 (United Kingdom): Although most mutations are located in the Spike protein (S), several mutations have been located at positions 3 (D3L) and 235 (S235F) of Nucleoprotein (N). Both mutations are outside the Zhuhai Lituo COVID-19 Antigen Detection Kit target, so the sensitivity of the same should not be compromised.
- 501Y.V2 (South Africa): Mutation in N protein, position 205 (T205I). Mutation is outside the Zhuhai Lituo COVID-19 Antigen Detection Kit (Colloidal Gold) target, so the sensitivity of the same should not be compromised.
- GR/484K.V2 (B.1.1.28) (Brazilian): Mutations in N protein, position 80 (P80R), position 203 (R203K) and position 204 (G204R). Mutations are outside the Zhuhai Lituo COVID-19 Antigen Detection Kit (Colloidal Gold) target, so the sensitivity should not be compromised.
- GH/452R.V1 (B.1.429): Mutation in N protein, position 205 (T205I). Mutation is outside the Zhuhai Lituo COVID-19 Antigen Detection Kit (Colloidal Gold) target, so the sensitivity should not be compromised.

Sign and signature

Zhuhai Lituo Biotechnology Co., Ltd.