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To Whom it may concern,

We, as the manufacturer of Lysun COVID-19 antigen Rapid Test Device (colloidal Gold) that the following major Sars-Cov-2 variants which seem to spread more easily and quickly than other variants and are circulating globally, can be detected by Lysun COVID-19 antigen Rapid Test Device (colloidal Gold):

*B.1.1.7: This variant was initially detected in the UK;

*B.1.351: This variant was initially detected in the South Africa in December 2020;

*P.1: This variant was initially identified in Travelers from Brazil, who were tested during routine screening at an airport in Japan, in early January;

*B.1.617: This variant was initially detected in India.

The recombinant N proteins of these variants can be detected by Lysun COVID-19 antigen Rapid Test Device (colloidal Gold), at the same concentrations as that of the ordinary recombinant N protein without variation(amino acid: Met1-Ala419, accession #QHO62884.1)

Your sincerely

Chen Jungang

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