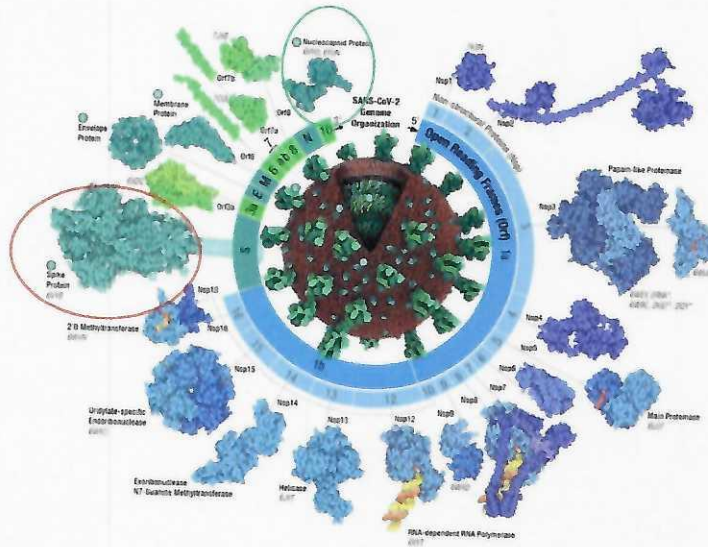


Company Statement On Virus Mutation

According to the latest research, there are many mutant strains of the Covid-19 virus, which are the Covid-19 variants EG.5 (Eris) and BA.2.86 (Pirola). The EG.5 and BA.2.86 although closely related to Omicron (B.1.1.529), contain further mutations.

Figure 1: Virus Structure



EG.5

- EG.5 contains the following mutations in the nucleocapsid phosphoprotein:
- N: P13L,
- N: E31-,
- N: R32-,
- N: S33-,
- N: R203K,
- N: G204R,
- N: S413R.

BA.2.86

- BA.2.86 contains the following mutations in the nucleocapsid phosphoprotein:
- N: P13L,
- N: E31-,
- N: R32-,
- N: S33-,
- N: R203K,
- N: G204R,
- N: Q229K,
- N: S413R.

We, Hangzhou testsea here solemnly declare that Covid-19 tests which we produce use nucleocapsid phosphoprotein monoclonal antibodies for detection, recognition epitopes which the corresponding antigen are located in N47-A173 (NTD region), as a result, our tests are qualified for these virus variants. Also we detected the nucleocapsid phosphoprotein recombinant antigens of EG.5 and BA.2.86 at 100pg/ml, the results were positive.