

Statement

To whom it may concern:

Product name: **One Step Test for SARS-CoV-2 Antigen (Colloidal Gold)**

We, Getein Biotech, Inc., stated that as of December 25th 2022, in silico analysis and/or experimental analysis of the recombinant SARS-CoV-2 variants N protein has proved that the following SARS-CoV-2 variants have no impact on the test performance of the above products.

No.	Virus/Lineage	No.	Virus/Lineage
1	SARS-CoV-2	16	B.1.1.529/ BA.1/ BA.1.1/ XF
2	B.1.1.7	17	C.37
3	B.1.351 / B.1.429 / B.1.427	18	B.1.621
4	P.1	19	B.1.526
5	B.1.617.1	20	BA.2/ BA.3/ BA.5/ XE/BA.2.11/BA.2.12.1/BA.2.13
6	B.1.617.2	21	BA.4
7	B.1.617.3	22	B.2.9.1
8	P.2	23	C.63.3
9	A.23.1 with E484K-1	24	AY.4.2/ XD
10	A.23.1 with E484K-2	25	BA.2.75/ BA.2.10/ XBB/ BA.5.1/ BA.5.2/ BN.1 BA.2.3.20/ BA.5.2.13/ BA.5.2.35/ XBB.1.5
11	B.1.1.7 with E484K	26	BE.3
12	B.1.525 (previously designated UK1188)	27	BE.1/ BQ.1/ BQ.1.1
13	B.1.1.318	28	BA.4.6
14	P.3	29	BA.5.2.1
15	AV.1	30	

After that, we will track the updates of SARS-CoV-2 variants on the following websites and databases on a **weekly basis**, conduct in silico analysis and test performance evaluation if there are new variants.

Database:

WHO website:

<https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/>

GISAID website:

<https://www.gisaid.org/hcov19-variants/>

UK website:

<https://www.gov.uk/government/publications/covid-19-variants-genomicaiiy-confirmed-case-numbers/variants-distribution-of-cases-data>

