

**RealStar® and AltoStar® SARS-CoV-2 RT-PCR Kits detect S gene variants of  
SARS-CoV-2 sequences**

The RealStar® SARS-CoV-2 RT-PCR Kit 1.0 (Cat. # 821015/Cat. # 821019) and the AltoStar® SARS-CoV-2 RT-PCR Kit 1.5 (Cat. # AS0821513) are *in vitro* diagnostic tests, based on real-time PCR technology, for the qualitative detection of lineage B-betacoronavirus (B-βCoV) and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA.

We are aware of the SARS-CoV-2 variant under investigation (VUI-202012/01, England, United Kingdom) which is defined by variant spike protein mutations: deletion 69-70, deletion 144, N501Y, A570D, D614G, P681H, T716I, S982A, D1118H. These mutations do not impact the performance of the S gene detection system included in the RealStar® SARS-CoV-2 RT-PCR Kit 1.0 and the AltoStar® SARS-CoV-2 RT-PCR Kit 1.5.

This also applies to the following known spike protein mutations Y453F, N439K, I692V, M1229I, A222V, D80Y, A626S, N501Y, S98F, S477N, N439K, Y453F, deletion 21765-21770, deletion 21991-21993, A23063T, C23271A, C23604A, C23709T, T24506G, G24914C and D1118H.

In case of any questions or uncertainties, please contact our Technical Support:

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Best regards,



Saskia Köhn

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