

Q1. What is the detection target of Loopamp™ SARS-CoV-2 Detection Kit?

A. This kit detects the RNA of SARS-CoV-2 extracted from the specimens of symptomatic individuals suspected of having COVID-19 infection. The target genes are the N gene and the RNA-dependent RNA polymerase (RdRp) gene.

Q2. What swabs can be used for sampling?

A. We recommend FLOQSwabs® to ensure proper virus sampling because FLOQSwabs® excels in sample collection and release. For the other swabs that can be used, we plan to acquire data and provide information in the future.

Q3. How long is the stability of the extracted solution in Loopamp™ Viral RNA Extraction Kit?

A. It is stable at 4 °C for 72 hours. (in-house data).

Q4. How stable is the extract after suspending saliva in Loopamp™ Viral RNA Extraction Kit ?

A. As a result of in-house examination, it can be stored at 4 °C and used within 72 hours after suspension.

Q5. How stable are swab and saliva specimens?

A. Refer to the National Institute of Infectious Diseases (Japan) " Manual for the Detection of Pathogen 2019-nCoV Ver.2.6 (National Institute of Infectious) Diseases,February 17, 2020"" and store the sample on ice or in the refrigerator (4 ° C) as soon as possible after collection. If it takes more than 48 hours to start measurement, store frozen at -80 ° C or below. If you do not have a -80 ° C freezer, store it in a normal freezer (about -20 ° C). The swab sample tube may be damaged if stored at -80 ° C or lower, so store it in a normal freezer (about -20 ° C).

Q6. Are there any papers reported using LAMP on COVID-19?

A. The following two reports have been issued.

1. Kitagawa Y, Orihara Y, Kawamura R, et al. Evaluation of rapid diagnosis of novel coronavirus disease (COVID-19) using loop-mediated isothermal amplification. J Clin Virol. 2020 May 21;129:104446.
2. Nagura-Ikeda M, Imai K, Tabata S, et al. Clinical evaluation of self-collected saliva by RT-qPCR, direct RT-qPCR, RT-LAMP, and a rapid antigen test to diagnose COVID-19. J Clin Microbiol. 2020 Sep 58:9:JCM.01438-20.

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