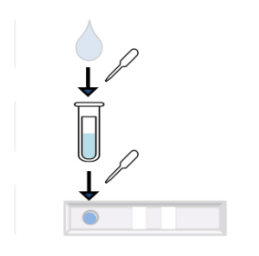


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SUPER rapid kit

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Protocol status: Working

We use this protocol and it's working

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Keywords: supersensitive capillary reaction kit, rapid capillary kit, nasal swab, specific detection of the sar, qualitative detection of sar, respiratory specimen, swab, spike antigen, super rapid kit, saliva, sar, diagnosis at home, specific detection, most pcr method

Abstract

We developed a supersensitive capillary reaction kit intended for the direct and qualitative detection of SARS-CoV-2 virus in saliva and nasal swabs. It enables sensitive and specific detection of the SARS-CoV-2 spike antigens in respiratory specimens more accurately than most PCR method within 5 minutes. Our rapid capillary kit will help not only fight but also end COVID-19 by providing the first sensitive self-diagnosis at home as well as POC clinical diagnosis at the health care facilities.



- 1 Prepare the specimen by collecting saliva, sputum, or nasal swab for testing
- 2 Dispense 2~5 drops of the specimen into the sampling tube (provided) filled with a general transfer pipette
- 2.1 To prepare a specimen solution with a nasal swab, insert the testing swab into the sampling tube, roll along the side of the tube 5 times, and discard the used swab to biohazard waste.
- 3 Mix the content by pipetting up & down gently
- 4 Dispense 5 drops of mixed samples into the sample well of the cassette (provided).
- 5 Observe the appearance of the blue line for 1 min and record the result.