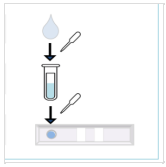

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SUPER rapid kit

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1 Works for me dx.doi.org/10.17504/protocols.io.bkqvkvw6

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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.

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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.

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