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Protocol to apply saliva samples to quantum mechanical tunneling current real-time point-of-care COVID-19 sensor.

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1 Works for me dx.doi.org/10.17504/protocols.io.bk2gkybw

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ABSTRACT

This protocol is used to operate an electronic rapid (1 min) point-of-care SARS-CoV-2 sensor

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- 1 Apply a small amount (~1 uL) of saliva on the sensor element at room temperature.
2. Wait for 30 s. The sensor sytem wil turn on a green LED to alert you at the end of the 30 s.
- 3 Measure the sensor I-V using the paired smart phone APP or click on the "Read" botton on the sensor system.
- 4 Apply 60 C water on the sensor for 30 s.

- 5 If the result is "positive", redo the test to increase confidence.
- 6 Re-apply 60 C water on the sensor for 30 s.
- 7 The sensor is ready to be used for another test.