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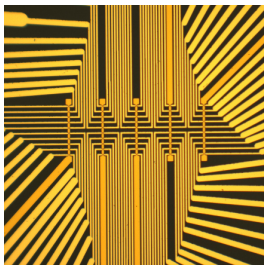
Protocol to apply saliva samples to quantum mechanical tunneling current real-time point-of-care COVID-19 sensor.



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Protocol status: Working
We use this protocol and it's working

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Abstract

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

Troubleshooting

1 Apply a small amount (~1 uL) of saliva on the sensor element at room temperature.

2 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.