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Dawatek COVID protocol

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XPRIIZE Rapid Covid Testing

info

OPEN ACCESS

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Protocol status: In development
 We are still developing and optimizing this protocol, may change as we do more testing

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 41788

GUIDELINES

To quickly go through the process, we recommend having patients prepare saliva as they wait, to shorten the amount of time between patients.

MATERIALS

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⊗ Gold Nanospheres - Bare (Citrate) 80nm **Nanocomposix Catalog # AUCN80**

⊗ Oral Saliva Swab **Salimetrics Catalog #5001.02 & 5001.05**

STEP MATERIALS

⊗ Gold Nanospheres - Bare (Citrate) 80nm **Nanocomposix Catalog # AUCN80**

⊗ Oral Saliva Swab **Salimetrics Catalog #5001.02 & 5001.05**

SAFETY WARNINGS

Please wear PPE clothing for your own protection

1 Use oral saliva swab kit

⊗ Oral Saliva Swab **Salimetrics Catalog #5001.02 & 5001.05**

to obtain minimum 1 mL of saliva, maximum 2 mL

- 2 Add 1 mL of gold nanoparticles and 1 mL of saliva into 5mL-ependorf tube. Mix using vortex mixer for 00:00:05 .

Gold Nanospheres - Bare (Citrate) 80nm **Nanocomposix Catalog # AUCN80**

- 3 Place tube into sample holder of Raman spectrometer and turn on then press scan.
- 4 Results will display within seconds