Dawatek COVID protocol

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¹Dawatek

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XPRIZE Rapid Covid Testing

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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 TEXT

MATERIALS

Gold Nanospheres - Bare (Citrate)

80nm Nanocomposix Catalog # AUCN80

Step 2

Oral Saliva

Swab Salimetrics Catalog #5001.02 & 5001.05

Step 1

STEP MATERIALS

Gold Nanospheres - Bare (Citrate)

80nm Nanocomposix Catalog # AUCN80

Step 2

Oral Saliva

Swab Salimetrics Catalog #5001.02 & 5001.05

Step 1

SAFETY WARNINGS

Please wear PPE clothing for your own protection

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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)

   Nanocomposix Catalog # AUCN80

3. Place tube into sample holder of Raman spectrometer and turn on then press scan.

4. Results will display within seconds.