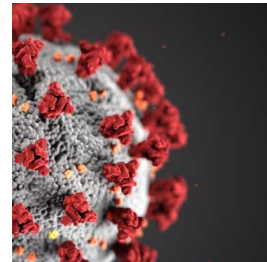


Sep 05, 2020

INDICAID Rapid Point-of-Care Test for SARS-CoV-2 Antigen

DOI

<https://dx.doi.org/10.17504/protocols.io.bkt4kwqw>



Phase Diagnostics¹

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Coronavirus Method De...

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Protocol status: In development

We are still developing and optimizing this protocol

Created: September 04, 2020

Last Modified: September 05, 2020

Protocol Integer ID: 41564

Keywords: care test for sar, sar, antigen, care test, indicaid rapid point

Materials

MATERIALS

 Dropper Vial **Cangzhou Shengfeng Plastic Product Co. Catalog #DB-4ML**

 1.5ml microcentrifuge tube **GenFollower Catalog #WG00012**

 Nasal Swab **Puritan Catalog #25-806 1PR**

 Concentration Buffer

 Sample Buffer

 Test Cassette

 Transfer Pipette **Globe Scientific Catalog #139118**

Test Procedure

- 1 The INDICAID Rapid Point-of-Care Test for SARS-CoV-2 Antigen includes swabs for nasal specimen collection.
- 2 Insert the swab into one of the nostrils until a slight resistance is met (approx. 1 cm from edge of nostril). Roll the swab for  00:00:05 seconds inside the nostril to ensure that both cells and mucus are collected.



- 3 Remove the swab from the nostril and repeat on the other nostril using the same swab.
- 4 The Collection Vial cap is composed of two parts. Remove the entire cap.



- 5 Insert the swab so that it is completely submerged in the buffer.



6 While submerged, twist the swab 20 times to release the specimen into the buffer.

7 Discard the swab and close the cap on the Collection Vial tightly. Let it sit for  00:01:00 minute.

8 Remove the small cap (top half only) from the Collection Vial to expose the dropper tip.



9 Squeeze ALL contents of the Collection Vial into the Concentrating Vial.



10 Close the cap of the Concentrating Vial and centrifuge

the vial at  9000 rpm, 00:02:00



Equipment

Multi Speed Mini Centrifuge

NAME

Centrifuge

TYPE

HWLAB

BRAND

L-2101

SKU

http://www.hwlab.cn/product/single_multi_speed.html^{LINK}



- 11 After centrifuging, carefully open the Concentrating Vial and look for the clear bottom liquid layer. Fill the provided clean fixed volume pipette with  80 μL of the clear bottom layer.



- 12 Apply all the contents of the pipette into the Test Cassette sample well.



- 13 Read the result in the result window of the test device after ⌚ 00:15:00 minutes.

