



V-CHEK Coronavirus (SARS-CoV-2) Antigen Detection Kit V.1

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Version 1

Sep 07, 2020

1

Works for me

dx.doi.org/10.17504/protocols.io.bkwukxew

XPRIZE Rapid Covid Testing

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DOI

dx.doi.org/10.17504/protocols.io.bkwukxew

PROTOCOL CITATION

bill, covidtesting 2020. V-CHEK Coronavirus (SARS-CoV-2) Antigen Detection Kit. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.bkwukxew>

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CREATED

Sep 06, 2020

LAST MODIFIED

Sep 07, 2020

PROTOCOL INTEGER ID

41652

V-CHEK Test Procedure

- 1 All specimens must be at room temperature before testing.

Expiration date:

Check expiration date on each individual test package or outer box before using. Do not use any test past the expiration date on the label.

Disposable gloves and safety glasses are recommended when running this test. Wash hands thoroughly after handling any patient sample.

Prepare sample

2

- 2.1 500µL (~15 drops) Sample Extraction Buffer to supplied, compressible tube.

- 2.2 Insert swab containing sample into the tube. Extract the sample from the swab by pressing the swab on the inner walls of the tube at least 10 times.
- 2.3 As the swab is being removed from the tube, squeeze the tube around the swab to remove liquid from the swab.
- 2.4 Cover the tube with the supplied dropper head.

Using the Analyzer CHF200

3

- 3.1 Step 1: Insert the ID Chip.
- 3.2 Step 2: Read the ID Chip. Select the sample type and test items.
- 3.3 Step 3: Add 100µL (3 drops) of the sample from the squeezable tube to the cassette's sample well.
- 3.4 Allow the test to develop for the FULL 10 minutes BEFORE placing test cassette into Analyzer CHF200^{10m}.

In Quick Test Mode, Analyzer CHF200 will scan and display the test result in 15 seconds.

Warning: Results must not be interpreted past 15 minutes after inoculation. Using the Analyzer CHF200 past this time may result in false results.

Interpretation of the results

4

- 4.1 When the test is complete, the results will be displayed on the Analyzer CHF200 screen. The results can be automatically printed on the integrated printer if this option is selected. Test Lines will not be visible to the naked eye.
Results: The Analyzer CHF200 screen will display results
If the Result I is "invalid", retest with a new patient sample and new Test Cassette.

4.2

Reader Display	Interpretation
Result: Positive	SARS-CoV-2 antigen present

Result: Negative	No SARS-CoV-2 antigen detected
Result: Invalid	Result invalid due to control line issue

Quality Control

5 Negative Control

- 5.1
1. Insert the ID Chip and Read the ID Chip.
 2. Select the test mode "Standard Test" or "Quick Test".
Refer to "Test Operation" and the Analyzer CHF200 User Manual for details.
 3. Select the sample type "QC" on test interface.
 4. Add 100µL (3 drops) of the Negative Control to Cassette sample well.
 5. Test the Cassette by following Test Operation.
 6. Wait for the result. The result is "Negative" means Negative QC pass.

6 Positive Control

- 6.1
1. Insert the ID Chip and Read the ID Chip.
 2. Select the test mode "Standard Test" or "Quick Test".
 3. Select the sample type "QC" on test interface.
 4. Open the Positive Control bottle cap and add 1ml of sample buffer.
 5. Shake well
 6. Add 100uL of the Positive Control with pipette to the Cassette sample well.
 7. Test the Cassette by following Test Operation.
 8. Wait for the result. The result is "Positive" means Positive QC pass.