

# RAPID COVID-19 ANTIGEN TEST INSTRUCTIONS

## STEP 1: WASH YOUR HANDS

- Before you start testing, wash your hands or use hand sanitizer.
- Make sure your hands are dry before starting.

## STEP 2: CHECK YOUR TEST KIT

- Locate the kit components:
  - Clear plastic dropper container
  - Swab (in paper wrapper)
  - Mug or cup (not included)
  - Tube
  - Tube holder (plastic disk)
  - Watch or timer (not included)
  - Test strip (in foil wrapper)



## STEP 3: PLACE TUBE IN THE HOLDER

- Place the plastic tube holder disk on top of the mug/cup.
- Remove the gray rubber cap from the top of the test tube. Be careful not to spill the white powder in the bottom of the tube.
- Carefully insert the tube halfway into the hole in the tube holder (plastic disk). **Note:** Be careful not to insert the tube too far.



## STEP 4: MIX LIQUID INTO TUBE AND DISSOLVE POWDER

- Take the clear plastic dropper and hold it upright.
- Tap the dropper with your finger to ensure the liquid is at the bottom.
- Twist off the small flat tab on top of the dropper.
- Invert the dropper and squeeze the liquid into the tube.
- Swirl the liquid in the tube to dissolve the powder. **Note:** The tube/disk should remain on the cup/mug throughout the remainder of the testing procedure.



## STEP 5: SWAB THE NOSTRILS

- Remove the swab from its wrapper, being careful not to touch the swab head.
- Gently insert the swab  $\frac{1}{2}$  to  $\frac{3}{4}$  inch into the nostril. Firmly rub the swab in a circular motion around the inside wall of each nostril at least four times. **Be sure to rub both nostrils with the same swab.** **Note:** Failure to swab properly may cause false negative results.



## STEP 6: PLACE SWAB IN THE TUBE

- Carefully grasp and steady the tube.
- Immediately place the swab into the liquid inside the tube. Stir three to four times. **Caution:** Do not push too hard on the swab causing the tube to dislodge from the disk.
- Leave the swab in the solution for **one minute.** **Note:** If the swab is in the solution for more than 10 minutes, it should not be used.



## STEP 7: REMOVE SWAB FROM THE TUBE

- After **one minute**, carefully grasp and steady the tube and remove the swab from the tube by rubbing the swab head against the inside wall of the tube to squeeze out as much liquid as possible.
- Dispose of the swab in the trash.

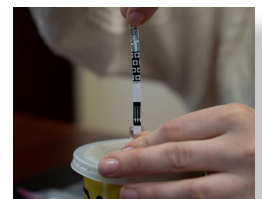
## STEP 8: OPEN THE TEST STRIP

Open the test strip pouch carefully at the slit and hold the test strip as indicated.



## STEP 9: PLACE TEST STRIP IN THE TUBE

Place the test strip into the tube with the arrows pointing down. Leave the strip in the tube for a full **10 minutes** — do not handle or remove.



For more information and to view the video tutorial, go to [go.wvu.edu/self-test-kit](https://go.wvu.edu/self-test-kit).

## STEP 10: REMOVE TEST STRIP FROM THE TUBE

At **10 minutes**, remove the test strip from the tube and place on the test strip outline. Ensure the test strip is on a flat surface in good lighting. **Note:** The test is intended to be read at **10 minutes**. If the test is read before this time or is read more than five minutes after the indicated read time, results may be inaccurate (false negative, false positive or invalid) and the test should be repeated.

## STEP 11: CHECK AND INTERPRET YOUR RESULTS

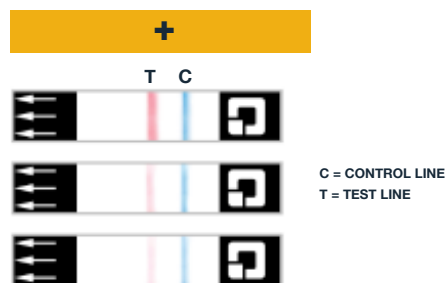
Place the test strip on the test strip outline and compare with test result examples shown below.

### POSITIVE RESULT

At **10 minutes**, the appearance of **ANY shade of a pink-to-red Test Line AND** the appearance of a **blue Control Line** indicates a positive result for the presence of the COVID-19 antigen.

Results will remain stable for **five minutes** after the recommended read time. Do not read the result beyond the five minutes. False positive, false negative or invalid results may occur if the strip is read outside of the recommended time period.

**Note:** Even if you see a very faint **pink Test Line** and a **blue Control Line**, you must report the result as **POSITIVE**.



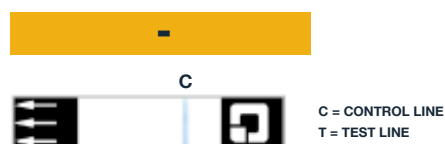
A positive result means that it is very likely you have COVID-19.

There is a very small chance that this positive test can be wrong (false positive).

Report your positive result to WVU Shared Services at **304-293-6006** or [CareServices@mail.wvu.edu](mailto:CareServices@mail.wvu.edu) and go to [wvu.edu/return-to-campus/what-to-do-if](http://wvu.edu/return-to-campus/what-to-do-if) for more guidance.

### NEGATIVE RESULT

At **10 minutes**, the appearance of **ONLY the blue Control Line** indicates the COVID-19 antigen was not detected. Results will remain stable for **five minutes** after the recommended read time. False positive, false negative or invalid results may occur if the strip is read outside of the recommended time period.



A negative result does not exclude COVID-19 infection. Negative results should be treated as presumptive and may need confirmed with another or different test.

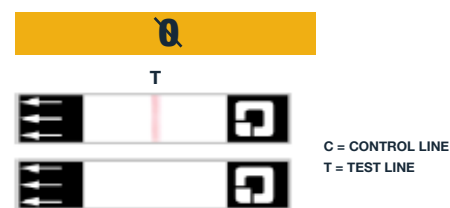
Go to [wvu.edu/return-to-campus/what-to-do-if](http://wvu.edu/return-to-campus/what-to-do-if) for additional guidance.

### INVALID RESULT

If at **10 minutes**, **NO LINE** or **ONLY a pink** line appears, the test is invalid.

If at **10 minutes**, the background color does not clear and it interferes with the reading of the test, the result is also invalid.

If the result is invalid, a repeat test should be performed using a new tube, swab and test strip.



## STEP 12: DISPOSE OF USED TEST MATERIALS IN THE TRASH AND WASH HANDS

After completing all steps, dispose of your used test materials in the trash and wash hands or use hand sanitizer.

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