

# COVID-19 IgG S1 Spike Antibody Test

## Health Care Professional Assisted Blood Spot Testing Instructions



View the collection video at  
[www.zrtlab.com/REGISTER](http://www.zrtlab.com/REGISTER)

### IMPORTANT!

This kit must be registered at [zrtlab.com/REGISTER](http://zrtlab.com/REGISTER) prior to being sent back to the lab for testing.

## 1 Who Should Test

▶ This test is for IgG antibodies produced against the S1 spike protein in response to an infection caused by the SARS-CoV-2 virus.

▶ **DO NOT TEST if you are actively sick with a respiratory infection.**

### This test\* is suitable for:

- ▶ People who have recently had an infection with SARS-CoV-2 (COVID-19) that was confirmed by PCR (molecular) nasal/mouth swab virus testing and have had no symptoms for at least 7 days.
- ▶ People who have recently had a flu-like respiratory illness that may or may not have been COVID-19 because it was not confirmed by virus testing, and have had no symptoms for at least 7 days.
- ▶ People who want to see if they might have been exposed to COVID-19 and carry antibodies to the SARS-CoV-2 virus, but have had no symptoms.

### \*Disclaimer

- This test has not been FDA cleared or approved.
- Negative results do not preclude acute SARS-CoV-2 infection. If acute infection is suspected, direct testing for SARS-CoV-2 is necessary.
- Results from antibody testing should not be used to diagnose or exclude SARS-CoV-2 infection.
- Positive results may be due to past or present infection with non-SARS-CoV-2 coronavirus strains, such as coronavirus HKU1, NL63, OC43, or 229E.

## 2 Prepare for Collection

- ▶ The optimum time to test is 20 days or more after you start showing symptoms. Testing too early may not allow enough time for your body to produce antibodies.
- ▶ If you currently have flu-like symptoms or a recently confirmed case of COVID-19, wait at least 7 days after you have recovered before collecting your sample, and preferably at least 20 days after your symptoms first started.

### 3 Collect Blood Spot Sample

#### Important

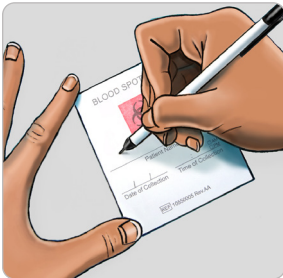
Samples that do not meet criteria below may not be usable for testing. Each blood spot must:

- Soak through the collection card so that blood shows through on the back.
- Be spherical and fill as much of the circle as possible.
- Contain one drop per circle, no overlapping.

UNACCEPTABLE



ACCEPTABLE

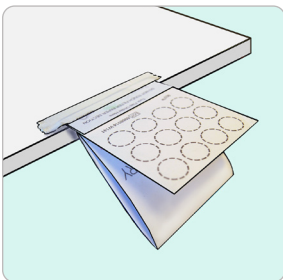


#### STEP 1

##### Wash hands with soap and water.

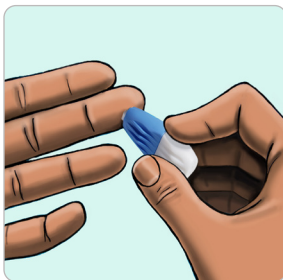
Use a clean towel to dry hands. Make sure hands are warm and circulation is going. Write your name, the date and time of collection on the card prior to collecting.

**Tip:** To encourage blood flow before nicking finger, rub hands together/swing arm and/or run hand under warm water.



#### STEP 2

Open the cover on the collection card. Fold it back and away from the filter paper. Avoid touching the filter paper. Tape card to a flat surface like a table, below heart at about waist level. Open the alcohol prep pad and sterile gauze.



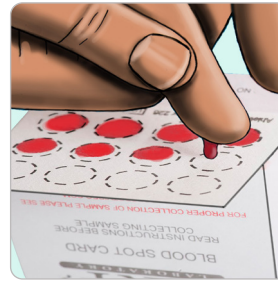
#### STEP 3

With the assistance of a health care provider, wipe ring or index finger with alcohol prep pad and allow to air dry. Twist cap off lancet and press small white section firmly against the side of finger pad (use side closest to little/pinky finger) until lancet clicks. Wipe away the first blood drop with gauze.

#### STEP 4

Position finger over circle of blood spot card and gently milk (don't squeeze) blood from the finger. Collect so that your hand is lower than your heart, allowing gravity to assist with blood flow.

**Tip:** Squeeze arm from elbow to base of finger.



#### STEP 5

As blood drop forms and is ready to fall, touch the drop onto the center of the circle (one drop per circle) without touching the paper. Continue collection, preferably until all circles have been filled – but it is more important to have several good sized spots than to fill all the circles. When finished, apply bandage.

#### STEP 6

If the sample will be shipped from the provider's office, leave blood spot card open to dry - minimum 4 hours.

If the sample cannot be left to dry for 4 hours at the provider's office, allow the card to dry for 10 minutes before closing the cover and placing it in the test kit box. The patient can then take the sample home, take it out of the kit box and allow it to dry for a minimum of 4 hours.

Once sample is dry, close the protective cover.

### 4 Finish & Send



#### STEP 1

Place dry sample in the Ziploc baggie with desiccant packet and zip the bag closed. Place the Ziploc baggie containing the sample back into the plastic test kit box.

Snap test kit lid shut.



#### STEP 2

Place the entire test kit box inside the return packaging. Affix the prepaid label or postage if applicable. Return using the appropriate carrier.

Samples will remain stable under average shipping conditions, including over weekends and holidays.