



Specimen Collection for SARS-CoV-2 (COVID-19 Panel):

- Both a serum specimen **AND** either a nasopharyngeal swab **OR** an oropharyngeal swab **OR** mid-turbinate swab are required for this panel.
- Collect swab specimen **ONLY** using the swab provided in the Novel Coronavirus Specimen Collection Kit.
- Immediately store the collected swab specimen in the refrigerator (4°C) until ready for transport. Specimen should be received within 72 hours of collection.

Kit Contents Include:

- 1 **COVID-OneSwab™** viral transport media vial
- 1 Nasopharyngeal, oropharyngeal **or** mid-turbinate flocked swab
- 1 Biohazard bag
- 1 Transport box

Nasopharyngeal swab collection:

1. Have the patient blow their nose and then check for obstructions.
2. Insert the flexible swab into the nostril parallel to the palate (not upwards), until resistance is encountered. Swab should reach the depth equal to the distance from nostrils to the outer opening of the ear, indicating contact with the nasopharynx
3. Leave the swab in place for several seconds to absorb secretions. Slowly remove the swab while rotating it.
4. Insert the swab into the **COVID-OneSwab™** viral transport media vial. Break the shaft at the molded break point.
5. Be sure the swab collected above has been inserted into the **COVID-OneSwab™** vial and that the swab tip is immersed in the liquid. To prevent leakage, be sure the swab fits into the vial prior to capping. Tightly cap the vial and label with a minimum of two patient identifiers, including patient name and date of birth.

OR

Oropharyngeal swab collection:

6. Insert swab into the posterior pharynx and tonsillar areas. Rub swab over both tonsillar pillars and posterior oropharynx and avoid touching the tongue, teeth, and gums.
7. Insert the swab into the **COVID-OneSwab™** viral transport media vial. Break the shaft at the molded break point.
8. Be sure the swab collected above has been inserted into the **COVID-OneSwab™** vial and that the swab tip is immersed in the liquid. To prevent leakage, be sure the swab fits into the vial prior to capping. Tightly cap the vial and label with a minimum of two patient identifiers, including patient name and date of birth.

OR

Mid-turbinate swab collection:

9. Aseptically remove the longer adult-size sterile swab from package, without touching the swab head.
10. Tilt the patient's head back 70 degrees. While gently rotating the swab, insert brush end downwards into the nostril all the way to the guard, or about 2cm into the nostril (until resistance is 20.met at turbinates).
11. Be sure to direct the swab down towards the throat and not up towards the forehead. Gently rotate the swab several times against the nasal wall and repeat in the other nostril using the same swab.
12. Insert swab into the **COVID-OneSwab™** viral transport media vial and break swab at molded break point.

13. Be sure the swab collected above has been inserted into the **COVID-OneSwab™** viral transport media vial and that the swab tip is immersed in the liquid. To prevent leakage, be sure the swab fits into the vial prior to capping. Tightly cap the vial and label with a minimum of two patient identifiers, including patient name and date of birth.

AND

Serum collection:

14. In accordance with the standard operating procedure of your facility, collect blood in a serum separator tube (SST).
15. Label the vial with a minimum of two patient identifiers such as patient name and date of birth.
16. Allow the specimen to clot at room temperature for a minimum of 30 minutes.
17. Centrifuge the specimen at room temperature at a speed of 1000 to 1300 RCF for 10 minutes in a swinging bucket centrifuge or 15 minutes in a fixed-angle centrifuge.

Specimen Packaging:

18. Place the labeled **COVID-OneSwab™** vial and labeled serum separator tube in the central pocket of a biohazard bag and seal.
19. Insert a test requisition form in the front pocket of the biohazard bag.
20. Place inside of the transport box.
21. Place into the prepaid FedEx Lab Pack envelope. Be sure to seal the Lab Pack and verify that a preaddressed airbill is attached to ensure proper delivery. Contact FedEx at 1(800) 463-3339 or visit www.fedex.com to arrange a pick-up for overnight delivery.