Updated Guidance on Antigen Testing for SARS-CoV-2 (12/5/2020)

Summary of Recent Changes

Revisions were made on December 5, 2020 including:

- The word “rapid” has been deleted because FDA has authorized laboratory-based antigen tests.
- New section on processing of antigen tests, reflecting what has been learned on how to minimize the risk of false results.
- Revised section on evaluating the results of antigen tests, introducing a new testing algorithm, and reflecting what has been learned about the performance of antigen tests and the need to implement confirmatory testing.

Updated Guidance on Cleaning and Disinfecting Environmental Surfaces

- How are environmental surfaces involved in the transmission of infections?
- How does one interrupt transmission of pathogens from environmental surfaces?
- Where can I find detailed information on cleaning and disinfection?
- Why is cleaning of surfaces important?
- What detergents are used for outline environmental cleaning in healthcare settings?
- Are there ways to audit the cleaning process?
- What are no-touch devices or NTDs?
- What information if available about the use of electrostatic sprayers or foggers for the disinfection of rooms and surfaces in healthcare environments?
- Is ultraviolet germicidal irradiation (UVGI) recommended for disinfection of air and surfaces in the healthcare setting?

Cleaning and disinfecting environmental surfaces CDC website FAQ: https://www.cdc.gov/coronavirus/2019-ncov/hcp/faq.html
Considerations to Improve Ventilation

Consider ventilation system upgrades or improvements and other steps to increase the delivery of clean air and dilute potential contaminants. Obtain consultation from experienced Heating, Ventilation and Air Conditioning (HVAC) professionals when considering changes to HVAC systems and equipment. Some of the recommendations below are based on Guidance for Building Operations During the COVID-19 Pandemic from the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE). In addition to buildings, ventilation considerations are also important when you have multiple persons within vehicles, including public transportation (buses, subways, trains, school buses, carpools, and rideshares). Not all considerations are applicable for all scenarios.

Ventilation FAQs

Safe PPE use & resources from NETEC:

https://repository.netecweb.org/items/show/964
Laboratory Guidance
Statewide Priority Populations for SARS-CoV-2 Testing

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider.

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care and correctional facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals
SDPHL SARS-CoV-2 Testing Priorities

- **Symptomatic** hospitalized patients
- **Symptomatic** healthcare workers, first responders, and active military
- **Symptomatic** individuals in congregate living settings like LTC facilities
- **Symptomatic** individuals with no way to pay for testing
- **Asymptomatic** participants in state-sponsored sentinel surveillance programs
- **Confirmation testing** for the following scenarios:
  - Symptomatic individual in a high-prevalence setting with negative antigen result
  - Asymptomatic individual in a low-prevalence setting with positive antigen result
SARS-CoV-2 Antigen Testing: Abbott BinaxNOW

• SDDOH will receive a weekly federal allocation of Abbott BinaxNOW tests through the end of December 2020.

• SDDOH has placed BinaxNOW cards in the following:
  – K-12 schools
  – Correctional facilities
  – Long-term care facilities
  – Residential service providers to vulnerable populations
  – FQHCs and other facilities that serve vulnerable populations

• SDDOH continues to accept requests for BinaxNOW antigen cards
  – Joan.Adam@state.sd.us
  – Laurie.Gregg@state.sd.us
  – Tim.Southern@state.sd.us
SARS-CoV-2 Antigen Testing: QIAGEN QIAreach

- In response to our solicitation in mid-November, SDDOH received requests to place QIAGEN resources at over 160 locations in SD.

- SDDOH still awaits notification of FDA EUA approval for the QIAreach Antigen Test.

- Upon EUA approval, SDDOH will:
  - Purchase QIAGEN resources for distribution throughout SD
  - Hold a brief instructional webinar about QIAGEN resources
  - Place QIAGEN resources at approved organizations

- Questions about QIAGEN resources can be sent to:
  - Laurie.Gregg@state.sd.us
  - Tim.Southern@state.sd.us
State-Sponsored COVID-19 Saliva Testing

• SDDOH now offers free saliva testing for the following:
  – Individuals determined to be close-contacts of someone with COVID-19
  – Individuals who believe they have been exposed to someone with COVID-19
  – Individuals that want to use the CDC test-based option to end quarantine early.
COVID-19 Saliva Testing: Steps 1 and 2


COVID-19 Saliva Testing: Step 3

3. NO-COST COVID TESTING FOR SOUTH DAKOTANS

South Dakota and Vault Medical Services have teamed up to offer at-home COVID-19 saliva testing for any person who believes they have been exposed to COVID-19. You do not need to have symptoms to be tested.

https://learn.vaulthealth.com/southdakota/
COVID-19 Saliva Testing: Steps 4 and 5

4. **Who is this test for?**

   - Myself
   - My child (under 18)

5. **Who will be using this test order?**

   In order to send you a test, we need to know who it’s for.

   Already have an account with Vault? Log In

   Patient first name

   Patient last name

   Phone

   Date of birth

   You must be over 18. If you aren’t, you must have a parent or guardian order your test.
COVID-19 Saliva Testing: Step 5 (continued)

Sex

- Male
- Female
- Decline to Identify

Select Race and Ethnicity
We ask these for reporting purposes.

Choose one...

Create Account

Email

Confirm Email

Password

Password must be at least 8 characters, contain one number and one letter.
COVID-19 Saliva Testing: Steps 6 and 7

6. Where would you like your testing kit shipped?

   We can currently supervise tests in most (but not all) states.

   Select your state...

   □ I’m using this test for travel

7. Results Authorization

   Please sign this HIPAA Authorization to disclose healthcare information.

   I have carefully read this authorization and fully understand and agree with its contents. I expressly consent to the use of electronic signature and understand that by printing my name here, I have affirmatively executed this authorization.

   YOUR NAME

   Please type your name above to sign
COVID-19 Saliva Testing: Steps 8 and 9

8. **Vault COVID-19 Test Kit**
   Before starting this form, there are a few things you should understand about this COVID-19 testing kit:
   - By clicking here, I would like to receive my results by email. I am aware that these are not secure means of communication and that there is a risk that my protected health information could be accessed by unauthorized third parties.
   - By clicking here, I understand and agree to statements in the page above and the Terms and Conditions.

9. **How the test works**

   trsouthern@yahoo.com

   SOUTH DAKOTA DEPARTMENT OF HEALTH
COVID-19 Saliva Testing: Steps 10 and 11

10. 

**Exposure Details**

Have you been exposed to anyone who has been confirmed to have COVID-19?

- [ ] Yes
- [x] No

If you have been in physical contact with someone you know has (or has had) COVID-19, please select yes.

Have you potentially been exposed to someone with COVID-19?

- [ ] Yes
- [x] No

If you have visited a location where you believe individuals who have (or have had) COVID-19 may have been, please select yes.

11. 

**Are you experiencing any symptoms of COVID-19?**

Check all that apply:

- [ ] Fever
- [x] Dry cough
- [x] Shortness of breath or difficulty breathing
- [ ] Fatigue
COVID-19 Saliva Testing: Steps 12 and 13

12. Order Details

   Shipping Address
   Enter the address where you would like us to send your testing kit.

   First name
   Timothy

   Last name
   Southern

   Address
   615 E 4th Street

   City
   Pierre

   State
   South Dakota

   ZIP code
   57501-1440

13. Provide your photo ID

   This information is collected so that a Vault test supervisor can confirm that the patient observed is the same person who ordered the test.

   TAKE A PHOTO

   OR

   UPLOAD A PHOTO
COVID-19 Saliva Testing: Step 14 and Beyond

14.

- Once your kit is ordered:
  - Vault Health will ship a saliva collection kit to your address.
  - The kit will include all instructions needed to collect and ship the specimen to the laboratory that will perform testing.
  - Vault Health does require a telemedicine consult using Zoom to observe specimen collection.