

Mass Testing for Coronavirus (COVID-19) at SD Universities, Colleges and Technical Colleges

Mass testing for SARS-CoV-2, the virus that causes COVID-19 is an effective strategy used to assess outbreaks and control further transmission of the virus. Mass testing involves testing large numbers of individuals in a relatively short period of time and involves testing both symptomatic and asymptomatic individuals. Participation in this initiative is voluntary but encouraged to slow the spread of COVID-19 on SD higher education campuses.

The mass testing initiative is a joint effort between the SD Department of Health (SD DOH) and schools of higher education. The SD DOH will pay the cost of laboratory testing, and participating schools will be responsible for coordinating and/or conducting specimen collection.

Additional information on SARS-CoV-2 testing at institutes of higher education is available from the Centers for Disease Control and Prevention at <https://www.cdc.gov/coronavirus/2019-ncov/community/colleges-universities/ihe-testing.html>

Steps Necessary for Participating in Mass Testing

CDC guidance for broad-based testing is available at <https://www.cdc.gov/coronavirus/2019-ncov/hcp/broad-based-testing.html>

In general, steps include:

1. Assess the number of students that will be tested. Testing students and faculty with student contact is the priority for this testing initiative. Plan for one test per participant.
2. Identify staff to coordinate the specimen collection event:
 - a. Point of Contact to lead event and communicate with SD DOH
 - b. Specimen Collection Event Command Staff
 - c. Healthcare personnel to collect specimen
 - d. Registration personnel and equipment
 - e. IT personnel and equipment
 - f. Lab personnel and equipment
 - g. Personal protective equipment (PPE)
 - h. Waste removal personnel
3. Identify location for specimen collection.

Outdoor Specimen Collection - An outdoor location for mass testing events is preferred to accommodate ventilation and allow space for social distancing. If an outdoor location is used, plan to provide climate-controlled or climate-protected areas for staff as well as access to restroom, water and electricity. Outdoor specimen collection may be performed as **drive-through collection** where participants remain in their car and specimen collection is performed either as observed specimen collection or by a healthcare provider – explained in section 4 below.

Indoor Specimen Collection - If an outdoor location is not feasible, large indoor spaces (e.g., gymnasiums) are best, where 6 feet between stations is possible. Separate spaces for each specimen collection station, that provides rooms with doors that close fully, or protected spaces away from other stations (e.g., registration) with distance and physical barriers, such as privacy curtains and plexiglass should be used.

4. Identify individuals to perform specimen collection. For this testing initiative observed specimen collection would be appropriate. However, the school in consultation will healthcare providers involved in specimen collection, will determine the specimen collection method:
 - a. **Observed Specimen Collection** - a healthcare provider such as a nurse, EMT, physician, etc.. instructs and observes the individual who swabs their own nasal cavity. In this situation 6 feet distance is maintained and use of N-95 respirator is not required. Observed specimen collection may be used for a drive through testing event or in an outdoor setting where participants are space apart by 6 feet or more. Up to 8 individuals at a time may perform self-specimen collection while being observed by a healthcare provider.
 - b. **Healthcare Provider Performed Specimen Collection** - If a healthcare provider conducts specimen collection, ensure the healthcare provider is fit-tested for use of N95 respirators. Obtain fit-testing for staff using your community resources (local hospital, hospital occupational health programs, EMS, Fire Department, etc.). If fit-testing is not available from community resources, e-mail DOHSafety@state.sd.us with your fit-testing request. The SD DOH will make every attempt to facilitate requests.
5. Ensure availability of appropriate PPE available following CDC guidelines (<https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html>).
 - a. PPE may be requested from the SD DOH using the following link ([SD DOH PPE REQUEST](#))
6. Identify laboratory for processing specimens.

Schools may contact one SD’s health care systems (Avera, Sanford or Monument) capable of conducting large testing volumes or access laboratory testing services through LabCorp, a national laboratory used by the SD DOH for mass testing initiatives.

All specimen collection supplies including shipping supplies, must be obtained by the laboratory performing testing to ensure the use of proper collection materials and processes for returning specimens to the testing laboratory.

CDC Infection Control Guidance and specimen collection guidance follows:

- a. [Interim Guidelines for Collecting, Handling, and Testing Clinical Specimens from Persons for Coronavirus Disease 2019 \(COVID-19\)](#)
 - b. [Interim Infection Prevention and Control Recommendations for Patients with Suspected or Confirmed Coronavirus Disease 2019 \(COVID-19\) in Healthcare Settings](#)
 - c. [Using Personal Protective Equipment \(PPE\)](#)
 - d. [Specimen collection instructional video \(NETEC\)](#)
 - e. [Specimen collection infographic \(NETEC\)](#)
7. Follow all shipping and handling requirements provided by the testing laboratory. **Please Note:**
- a. **Do not** pour out fluid contained in the collection tube. Place swab in the fluid in collection tube. Close collection tube cap and ensure cap is finger tight to prevent leaking of fluid during shipping.
 - b. **Label** the tube with the patient's full name and birthdate.
8. Notification of Results:
- a. **University, College or Technical College Point of Contact** - Individuals serving as the School Point of Contact(s) will receive all test results -both positive and negative - from the testing laboratory and be responsible for notifying students and/or faculty members with their results.
 - b. **SD DOH** – Will receive all test results and individuals with positive results for COVID-19 will be also be called by a SD DOH Disease Investigation staff member and provided guidance on isolation requirements.
9. The South Dakota Department of Health is available to provide support and consultation during this process.

Frequently Asked Questions:

1. **Is mass testing required?** No. Mass testing is being recommended and supported by the SD DOH as an effective strategy to assess outbreaks and control further transmission.
2. **Do I need a medical order?** Yes, a medical order is required. The medical order is typically obtained through the laboratory performing testing. SD DOH will assist in obtaining medical orders if needed.
3. **Is a consent form required?** Yes, consent is required for all staff tested. A combined consent and release of information form is attached for your use in **Appendix A**.
4. **Should patient education be provided?** Yes, individuals being tested should also be provided a copy of the *Handout for Individuals Tested for COVID-19*. **Appendix B**.

5. **Who is going to collect the specimens?** Specimen collection may be conducted as either observed specimen collection or performed by a healthcare provider.
6. **Where do I get lab supplies?** The laboratory performing testing will provide specimen collection kits and shipping materials.

How do I order PPE? PPE for use during this testing initiative can be requested from the SD DOH . PPE as part of normal school operations should be obtained through your normal vendors.

Appendix C contains information on PPE which can be requested from the SD DOH. PPE requests should be sent to COVIDResourceRequests@state.sd.us.

7. **How can I get staff fit-tested?** Healthcare providers performing specimen collection must be fit-tested prior to wearing a N-95 respirator. If you need staff fit-tested, contact your health care system or local hospital. If fit-testing is not available from community resources, contact the DOH at DOHSafety@state.sd.us with your fit-testing requests. The SD DOH will make every attempt to facilitate requests.
8. **How is testing being paid for?** The SD DOH will pay for laboratory testing, supplies and PPE. The participating school is responsible for collecting the specimens.
9. **If using LabCorp for testing services, what is their contact information?** Please email Julie Copple Bellmaj@LabCorp.com and Rodney Pederson Pederr1@LabCorp.com at LabCorp. LabCorp will ship specimen collection supplies to your school and provide instructions on packing and shipping specimens. Costs associated with LabCorp testing will be direct billed to the Department of Health, so your school will not be billed directly by LabCorp.
10. **What phone number do I call with questions?** Please contact the SD COVID-19 Information line 1-800-997-2880.

APPENDIX A – RELEASE OF INFORMATION AND INFORMED CONSENT



**SOUTH DAKOTA DEPARTMENT OF HEALTH
RELEASE OF INFORMATION AND INFORMED CONSENT TO COVID-19 TESTING**

Name: _____ DOB: _____

Address: _____ Phone Number: _____

City: _____ State: _____ Zip Code: _____

Please carefully read and sign the following Informed Consent:

1. I authorize this COVID-19 testing unit to conduct specimen collection and laboratory testing for COVID-19 through nasal swab, as ordered by an authorized medical provider or public health official.
2. I authorize my test results to be disclosed to the South Dakota Department of Health and University, College or Technical College Point of Contact.
3. I acknowledge that a positive test result is an indication that I must self-isolate and/or wear a mask or face covering as directed to avoid infecting others.
4. I understand the South Dakota Department of Health is not acting as my medical provider, this testing does not replace treatment by my medical provider, and I assume complete and full responsibility to take appropriate action with regard to my test results. I agree I will seek medical advice, care and treatment from my medical provider if I have questions or concerns, or if my condition worsens.
5. I understand that, as with any medical test, there is the potential for a false positive or false negative COVID-19 test result.
6. I, the undersigned, have been informed about the test purpose, procedures, possible benefits and risks. I have been given the opportunity to ask questions before I sign, and I have been told that I can ask additional questions at any time. I voluntarily agree to this testing for COVID-19.

Signature: _____ Date: _____

This form must be signed by individual being tested prior to specimen collection

Handout for Individuals Tested for COVID-19

Mass testing for SARS-CoV-2, the virus that causes COVID-19 is an effective strategy used to assess outbreaks and control further transmission of the virus. Mass Testing involves testing large numbers of individuals in a relatively short period of time and involves testing both symptomatic and asymptomatic individuals.

GETTING YOUR TEST RESULTS

It can take several days for test results to come back. Individuals serving as the Point of Contact for your school will receive all test results -both positive and negative - from the testing laboratory and notify you of your results.

If you test positive for COVID-19 the SD Department of Health will also contact you and provide guidance on isolation requirements.

If you test positive

- ❖ **If you have symptoms**, follow the instructions under the “Separate yourself from others” section below until all three of these things are true – fever-free for 24 hours without the use of medication AND improvement in respiratory symptoms AND at least 10 days have passed since symptoms began.
 - Drink plenty of fluids and eat when you can.
 - You may take medicine for pain or fever if you need to.
 - Rest as much as you can.
- ❖ **If you do not have symptoms**, stay home for 10 days after your test date. If you develop symptoms during those 10 days, stay home until all three of these things are true – fever-free for 24 hours without the use of medication AND improvement in respiratory symptoms AND at least 10 days have passed since symptoms began.
- ❖ Staff with the South Dakota Department of Health will call to follow up with you and give you more information about what to do and how long you should stay home.

If you test negative

- ❖ A negative COVID-19 test at one point in time does not mean you will stay negative. You could become ill with COVID-19 and/or test positive at any time.

- ❖ If you develop symptoms of COVID-19, talk to your doctor or other health care provider about getting tested again.
- ❖ Remember to wash your hands often, avoid touching your face, stay 6 feet from people you do not live with, and wear a cloth facemask when you go out.

WHAT TO DO IF YOU DEVELOP SYMPTOMS?

Separate yourself from others

- ❖ **Stay home.** Do not go to work, school, or any other place outside the home.
- ❖ **Stay away from other people in your home.** As much as possible, stay in a separate room and use a separate bathroom, if available.
- ❖ **Wear a facemask** if you need to be around other people, and cover your mouth and nose with a tissue when you cough or sneeze.
- ❖ **Avoid sharing personal household items.** Do not share food, dishes, drinking glasses, eating utensils, towels, or bedding with other people in your home. After using these items, wash them with soap and water. Clean all frequently touched surfaces in your home daily, including doorknobs, light switches, and faucets.
- ❖ **Wash your hands** often with soap and water for at least 20 seconds, or use an alcohol-based hand sanitizer containing 60% to 95% alcohol. Avoid touching your face with unwashed hands.

Monitor your symptoms

Most people have mild symptoms that get better in a week or two. Some people do not have any symptoms. People age 65 and older or people who have other underlying medical conditions may get very sick from COVID-19. If your symptoms get worse or you need medical care:

- ❖ **Contact your medical provider or local clinic.** Call ahead before going in.
- ❖ **Do not use public transportation** if you need to go to a clinic or hospital.

If you need emergency medical attention, call 911 and let them know that you have been tested for COVID-19 and your results are pending.

MORE INFORMATION

Learn more about COVID-19 at covid.sd.gov.

APPENDIX C – PPE Supply Requests

South Dakota Department of Health

PPE Supply Request Form

COVID-19 Response Activities Only



Name: _____

Facility/Agency: _____

Shipping Address: _____

Email Address: _____

Direct Phone Number to the person requesting? _____

Are you following CDC Guidance for PPE? Yes No

Items requested for Students/Staff:

Quantity	Item

Items requested for School-Based Nurse or other Medical Provider working in District:

Quantity	Item

Have you contacted multiple Vendors who were unable to fill/ partial fill/ cancel/ deny order supplies and/equipment? Yes No

Anticipated date of Critical Need? _____ / _____ / _____

Email to: COVIDResourceRequests@state.sd.us
If you have questions please call: 605.773.3048



PPE Supply Request Form.
Revised Date: March 17, 2020
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COVID-19 PPE

(as of 31 Jul 2020)




Please Note:

- Please complete the form, including a contact name and phone number of the individual making the request.
- PPE should be ordered through your normal supply chains. These materials are available for conducting mass testing events only.



N-95 Respirators



Brand/Model Description	Picture
3M 1860	
3M 1860-S (small)	
Kimberly Clark, 46727-17 "Ducky" style	
3M 9501 Ear-loop design	
3M 1870	
3M 8000	

KN-90/95 *KN-95 provides 95% protection for .3 micron particles.... KN90 provides 90% protection. KN-90s - for "non-medical" environments (infrastructure, businesses, schools, public gatherings, etc.)*





Brand/Model Description	Picture
3M 9002/9001 (KN-90) <i>Packs of 50</i>	
3M 9502 (KN-95) <i>Boxes of 50</i> <i>Difference between 9502 & 9502+ ... is box vs bag of 50.</i>	
3M 9502+ (KN-95) <i>Packs of 50</i>	

Surgical Masks



Brand/Model Description	Picture
KC-4712727 Surgical Masks Child size, Foldable	
Hanes - Cloth Face-Masks <i>ear loop design</i>	
FEMA – Miniso <i>ear loop design</i>	

AramSCO <i>ear loop design</i>	
V-Shine <i>ear loop design</i>	
Kimberly Clark – 47117-17	






Face-shields

Brand/Model Description	Picture
Medline NONF S300 Shield, Face, Full, Foam Top, Elastic	
Apple LTL	
Face Shield Shield, Face, Full, Foam Top, Elastic, FEMA	
Hardwire – Shield, Face, Full, Foam Top, Elastic	


Gloves

Brand/Model Description	Picture	Size
Vinyl Examination Gloves un-sterile with textured surface, seamless and without powder		Small
		Med
		Lg
		X-Lg
Nitrile Gloves un-sterile non-powdered 4 mil thick with rolled cuff		Small
		Med
		Lg
		X-Lg


Gowns Exam/Isolation

Brand/Model Description	Picture	Size
Reusable Gowns- smoothie green		M/Lg
Reusable Gowns- yellow		
Reusable Polyester Gowns		L/XL
Disposable Polyester Gowns		L/XL
		2XL/3XL
Disposable Gowns- blue		M/Lg

Goggles

Brand/Model Description	Picture
Safety Goggles	

Other PPE to Augment Suits

Brand/Model Description	Picture
Shoe/boot covers	

Non-Contact Infrared Thermometers

Brand/Model Description	Picture
Infrared Thermometers	

Hand Sanitizer

Brand/Model Description	Picture
Hand Sanitizer <i>Gallons or 8 oz. bottles</i>	Picture not available

