



## School District 105

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LaGrange School District #105 is pleased to offer COVID-19 screening and testing options for families and staff: All testing options are open to all (unvaccinated and vaccinated):

- SHIELD Illinois-weekly saliva-based screening for students and staff who wish to participate. Testing will be available at each building once per week.
- SHIELD Illinois-saliva-based OUTBREAK testing for students and staff who wish not to participate in weekly screening but would consent to testing in the event he/she is involved in an outbreak situation
- BinaxNOW rapid antigen test for students and staff who develop COVID-19 like symptoms during the school day.

**All families/staff members need to sign a consent form prior to participating in any of the testing options.**

### What is SHIELD Illinois? <https://www.uillinois.edu/shield>

- Saliva-RT-PCR diagnostic COVID-19 test.
- 96.8% positive agreement (**sensitivity**)
- 98.9% negative agreement (**specificity**)
- The SHIELD test targets specific COVID-19 markers and is not able to test for other communicable disease, substances, or DNA.
- Cost: Free
- Has FDA Emergency Use Authorization
- Performed in CLIA Certified Labs
- Collection:
  - Takes about 3-5 minutes per student.
  - Saliva collected into sample tube via funnel. Collection video: <https://www.youtube.com/watch?v=QaNzXT1aIFs>
  - Collection handled by 3rd party collection team (Visit Healthcare) that comes to school once per week.
  - Individuals participating in SHIELD testing cannot eat or drink in the one hour before testing. Eating or drinking can cause an invalid sample or inconclusive result. We will coordinate the testing schedule to allow this during the school day. Individuals are encouraged to eat healthy breakfasts as usual.
- Results
  - Within 12-24 hours
- Benefits:
  - SHIELD Illinois is great at finding infected people before symptoms develop and who never develop symptoms so that they can begin isolating away from others to keep members of their household and school contacts from also becoming



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infected. 50% of spread happens before symptoms develop or through asymptomatic individuals.

- No confirmatory testing needed
- SHIELD Illinois' supplier of reagent material, Thermo Fisher, regularly updates its reagent to identify variants of the SARS-CoV-2 virus. The CDC says SHIELD's test is only 1 of 3 available that is able to identify new variants.
- Secure (HIPAA) dashboard for all results and testing data

Other questions or would you like more information?

<https://answers.uillinois.edu/search.php?q=SHIELD>

### **What is SHIELD Illinois OUTBREAK Testing:**

In times of outbreak status, testing would be done twice weekly for consenting staff and students targeted to the impacted classroom(s), grade(s), extracurricular participants, or entire student body, depending on the circumstances, unless the LHD recommends otherwise. Testing twice per week would continue until the school has gone two incubation periods, or 28 days, without identifying any new cases.

Outbreak testing is recommended for schools in outbreak status (five or more cases linked that do not share the same household and are not listed as close contacts of each other outside the outbreak setting), similar to the approach used in workplaces and congregate settings.

Implementation of outbreak testing should begin as soon as possible from the date the outbreak is declared and at least within three days.

[http://www.dph.illinois.gov/sites/default/files/School\\_Guidance\\_Rapid\\_POC\\_Testing20200610.pdf](http://www.dph.illinois.gov/sites/default/files/School_Guidance_Rapid_POC_Testing20200610.pdf)

### **What is BinaxNOW?**

- Rapid antigen diagnostic test <https://www.youtube.com/watch?v=QpdOsXvh2nE>
- 84.6% positive agreement (sensitivity) for symptomatic individuals
- 98.5% negative agreement (specificity)
- Cost: Free
- Has FDA Emergency Use Authorization
- Performed in settings with CLIA Certificates of Waiver, which D105 has.
- Collection:
  - Nasal Swab
  - Can be done by trained school nurses in school nursing offices for students/staff members who develop symptoms during the school day
- Results:
  - Within 15 minutes
- Benefits:
  - Allows quick identification of infected individuals with symptoms so that isolation, contact tracing, and quarantining can be done as soon as possible to prevent spread.
  - Potentially return symptomatic individuals to class/work. *Note-that there may be times that a negative result may require that the student be picked up from school and require that a confirmatory test at an outside facility be completed or completion of a 10 day isolation period (if confirmatory testing is not completed).*

*This may be when required by CCDPH due to high community transmission levels, if the school is experiencing an outbreak, if the individual has had close contact with a case of COVID-19, or when results combined with symptoms and risk factors warrant based on school nurse assessment. Requirements for confirmatory testing are subject to change based on new findings. At the time of this writing, a lab based RT-PCR test is the only test allowable for return to class due to community transmission levels and CCDPH requirements. Negative antigen results from BinaxNOW cannot be used to return individuals to the classroom and will require staff members/students to go home from school as above. However, positive antigen results will allow for immediate isolation of the infected person and for identification of close contacts to begin immediately.*

**Who can participate in the screening?**

Any consenting unvaccinated student or staff member for SHIELD Illinois and SHIELD Illinois OUTBREAK.

Any consenting vaccinated or unvaccinated student or staff member for BinaxNOW

**Is the screening mandatory?**

No, the screening is optional but highly encouraged as a key prevention strategy for schools from the CDC and IDPH to quickly find infected people to limit any spread within schools.

**When will the program begin?**

Our target date is 8/30/2021.

**When will samples be collected?**

All testing will take place at each of our schools. Classes will have assigned times on their testing day. All testing will take place during the school day.

**Why does the testing have to happen at school? Why not at home?**

Testing must take place in school due to FDA Emergency Use Authorization and CLIA protocol.

**Will results remain confidential?**

Yes. Throughout the process, different sets of QR Codes/barcodes and labels are used to identify the sample. Only staff at Visit Healthcare, SHIELD Illinois, our district school nursing staff, and district administrators will have access to results. See the SHIELD Illinois statement Information Security and Privacy

**How will the samples be disposed of?**

Once testing is completed, samples are permanently destroyed by being placed in biohazard containers, securely stored, and incinerated by hazardous materials personnel.

**How will I know if my child tests positive?**

SHIELD Illinois:

You will receive access to your child's test results via an online platform, which we will separately send you information about in future correspondence. School District will also receive results of your child's test and may/will notify you separately of any positive result.

BinaxNOW:

You will receive a call from the school nursing office.

**What should I do when I receive my child's test results?**

If your child's test results are positive, please contact your child's doctor immediately to review the test results and discuss next steps. Please also discuss results with your school nursing office or Samantha Dellaportas, district certified school nurse. You may not send your child back to school without meeting the IDPH requirements here: <https://www.isbe.net/Documents/IDPH-COVID19-Exclusion-Decison-Tree.pdf> (English) <https://www.isbe.net/Documents/IDPH-Decision-Tree-Spanish.pdf> (Spanish)

If your child's test results are negative, this means that the COVID-19 virus was not detected in your child's saliva (spit) or nasal swab. If your child has no symptoms of COVID-19, he/she may continue attending school. If your student has any COVID-19 symptoms or has had close contact with an individual infected with COVID-19, your child may need to remain at home depending on specific symptoms, exposure, and whether a confirmatory test will be needed. Discuss this with your child's school nurse.

**Who will receive my child's test results?**

In addition to you receiving your child's test results, the School District and the Illinois Department of Public Health ("IDPH") will also receive your child's test results, consistent with IDPH guidance and the Illinois Control of Communicable Disease Code.