

# Abbott BinaxNOW Antigen Tests for K-12 Schools



*Departments of Health & Senior Services  
and Elementary & Secondary Education*

October 9, 2020



- Federal government prioritized use in K-12 schools
- Minimally invasive nasal swab that **must** be administered by a health professional
- Yields results in 15 min. without additional equipment (uses a test card)
- Missouri is expected to receive 1.84 million tests in incremental shipments in coming months

- DHSS & DESE requires BinaxNOW tests be used among **symptomatic** school personnel & students
- Available to any public or private K-12 school
- Staff/students may still need to go home until they feel better, but test results help identify a course of action faster (excluded for 10 days or not)

- Sensitivity & specificity
  - ❑ False positive rate = 1.5%
  - ❑ False negative rate = 2.9%
  - ❑ Based on tests administered within first 7 days of symptom onset
- Clarification re: use of tests among students

- State order allows school-based RNs/LPNs (or their designee) to administer BinaxNOW test onsite
- Statewide CLIA waiver gives all schools ability to administer laboratory tests onsite
  - ❑ Must submit test sites (building, address) & healthcare professional information (name, license number) on the application

- Current max. allotment = 1 test/student and staff
  - May request fewer tests (i.e. only for staff)
- District's/school's portion of total number of tests requested becomes their "share"
- "Share" is then distributed to each district/school when the state receives a new shipment

# Shipping & Storing Test Kits

- 40 test kits per box
- Shipping all district tests to one central location
- Detail regarding how many tests will be shipped, and when, will be forthcoming, so adequate storage should be identified
- Application requests single point-of-contact for district/school – he/she will receive shipping alerts
  - ❑ First from DESE, then confirmation from SEMA

- Adhere to Abbott's written Instructions for Use (IFU)
- Abbott's BinaxNOW test training video
  - ❑ Medical professionals administering tests must watch the overview video & modules 1-4
  - ❑ Provide documentation to DHSS to verify training

- Logistics
  - ❑ Administer in a space other than the nurse's office
  - ❑ Make hand hygiene products readily available
  - ❑ Have waste disposal arm's length away
- Medical-grade PPE is required – state is providing & will ship along with test kits
  - ❑ Gown, surgical mask, eyewear & gloves

- Receive consent from school staff members & parents/guardians for student testing
  - ❑ Sample provided in Appendix B in DHSS toolkit
- Direct consent-related to questions to school's legal counsel
- Retain documents/records for at least two years

- Required to report both positive & negative results within 24 hours
- State providing spreadsheet with required fields
- Spreadsheet will be submitted via secure FTP (contains PII & PHI, so do not email)
- Training session is forthcoming & further technical assistance will be provided

- Test kit is the primary piece of infectious waste requiring appropriate disposal according to state regulations
  - ❑ Use infectious waste bags to discard used testing materials, gloves & grossly contaminated PPE
- Missouri Licensed Infectious Waste Transporters can help schools that don't currently have an infectious waste plan (link/info in toolkit)

# If BinaxNOW Test is Negative...

- If showing COVID-19 symptoms, encourage to follow-up with health care provider
- Encourage symptomatic individuals to stay home until they feel better & follow the school's policy for illness
- Consider the context of the patient's recent exposures, medical history & COVID-like symptoms

- Positive test is diagnostic for COVID-19
  - ❑ Create plan for where/how positive students should wait for parent/guardian pick-up
  - ❑ Send individual home to isolate
  - ❑ Contact LPHA to provide notification & begin case investigation ASAP

# Antigen Testing Program Contacts

SUBJECT	CONTACT PERSON
Application, Test Allotment & Shipments	<a href="mailto:Communications@dese.mo.gov">Communications@dese.mo.gov</a>
BinaxNOW Clinical Training	<a href="mailto:Marjorie.Cole@health.mo.gov">Marjorie.Cole@health.mo.gov</a>
CLIA Waiver to Perform Laboratory Testing	<a href="mailto:Russ.Drury@health.mo.gov">Russ.Drury@health.mo.gov</a>
Electronic Reporting of Test Results	<a href="mailto:ELR@health.mo.gov">ELR@health.mo.gov</a>
Infectious Waste Disposal	<a href="mailto:Jonathan.Garoutte@health.mo.gov">Jonathan.Garoutte@health.mo.gov</a>

Email questions during the webinar to [Communications@dese.mo.gov](mailto:Communications@dese.mo.gov)

- [DHSS/DESE Guidance Document](#)
- [Abbott BinaxNOW Card Details](#)
- [Abbott BinaxNOW Card FAQs](#)
- [Abbott BinaxNOW Training Video](#)
- [FDA Emergency Use Authorization](#)
- [FDA Fact Sheet](#)

Email questions during the webinar to [Communications@dese.mo.gov](mailto:Communications@dese.mo.gov)



Email live webinar questions to:  
[Communications@dese.mo.gov](mailto:Communications@dese.mo.gov)  
Updates: [dese.mo.gov/covid19](https://dese.mo.gov/covid19)