Project: ACE-IT Antigen Testing

• Project: ACE-IT is a public health intervention aimed at reducing the risk of spread of COVID-19 within schools

• To participate in Project: ACE IT, a school district must:
  – Have a signed MOA
  – Participate in trainings
  – Continue to report
Project: ACE-IT Antigen Testing

• To participate, your district must conduct weekly staff assurance testing and symptomatic staff and student testing.
  – If your district is doing both, then a district can expand to testing:
    • Athletics
    • Drama/Music/Band
    • Prom & Graduation
  – If expanding, the district must submit an implementation plan to the Chester County Health Department
Guidelines for Expanded Testing

• Athletics
  – *Frequency:* Twice a week, timing appropriate with games/scrimmages/etc.
  – *Testing Method:* Antigen

• Drama/Music/Band
  – *Frequency:* Twice a week, as long as together/rehearsing multiple times per week
  – *Testing Method:* Antigen
  – *Requirement:* Must wear masks during rehearsals

• Prom & Graduation
  – *Frequency:* Every day for three days leading up to the event, including day of event
  – *Testing Method:* Antigen
  – *Requirement:* Find a way to check test results at the door
Guidelines for Expanded Testing

• Testing out of quarantine for in school exposure
  – *Testing Method*: Cue (rapid PCR)
  – *Timing*: 5-7 days after exposure
  – *Requirements*:
    • Must submit an implementation plan to the Chester County Health Department
    • For school-related exposures to index case only
    • Must remain asymptomatic and have no further exposures
    • Testing must be done using a model that does not allow a quarantined individual to enter the school for testing
Antigen Testing & Vaccination

- It is recommended to continue antigen testing, even if an individual has been vaccinated
Antigen Test Results

• Positive
  – Symptomatic – Consider positive and isolate
  – Asymptomatic, close contact – Confirm with PCR
  – Asymptomatic, no known exposure – Confirm with PCR

• Negative
  – Symptomatic – Confirm with PCR
  – Asymptomatic, close contact – Negative
  – Asymptomatic, no known exposure – Negative

• Inconclusive
  – Report inconclusive and retest with new antigen test
Antigen Test Results

CDC Interim Guide for Antigen Testing

*NAAT: stands for “nucleic acid amplification test”, e.g. a PCR test, which are more sensitive than rapid antigen tests and would be utilized to confirm a diagnosis.

Symptomatic
- Antigen (+)
  - Confirm by NAAT
    - NAAT (+) → Known Contact
      - Yes → Infected with SARS-CoV-2
      - No → No current evidence of infection
  - NAAT (-) → Infected with SARS-CoV-2

- Antigen (-)
  - Confirm by NAAT
    - NAAT (+) → Infected with SARS-CoV-2
    - NAAT (-) → Not infected with SARS-CoV-2

Asymptomatic and Close Contact with COVID-19
- Antigen (+)
  - Confirm by NAAT
    - NAAT (+) → Infected with SARS-CoV-2
    - NAAT (-) → No current evidence of infection

- Antigen (-)
  - Confirm by NAAT
    - NAAT (+) → Infected with SARS-CoV-2
    - NAAT (-) → Not infected with SARS-CoV-2

Asymptomatic and No Known Exposure
- Antigen (+)
  - Confirm by NAAT
    - NAAT (+) → Infected with SARS-CoV-2
    - NAAT (-) → Not infected with SARS-CoV-2

- Antigen (-)
  - Confirm by NAAT
    - NAAT (+) → Infected with SARS-CoV-2
    - NAAT (-) → Not infected with SARS-CoV-2
Cue Testing

• Cue is a rapid PCR test used to confirm an antigen test, depending on the antigen result and the circumstances of their situation (previous slide)
• To obtain the Cue, your school district must be participating in the weekly assurance testing for staff and symptomatic testing of staff/students when on-site
• Those who are tested with Cue should follow PCR guidance
Reporting

• Positive test results are required to be reported to CCHD via our Disease Report Form.
  – Please remind your staff that the test section needs to be completed, as they are the “performing laboratory” administering the test.

• Please remind staff to review antigen testing guidance provided in CHOP’s PowerPoint and also discussed on our website - https://www.chesco.org/4397/Coronavirus--Resources-for-Schools

• If you have questions, please continue to use the Schools Line or disschools@chesco.org
  – Technology, testing, and training questions should be directed to CHOP.
Resources

• CHOP’s Project: ACE-IT FAQs

• CCHD Website with Antigen Guidance
  – https://www.chesco.org/4397/Coronavirus--Resources-for-Schools

• CCHD Website with PCR Guidance (Cue Guidance)
Questions?