

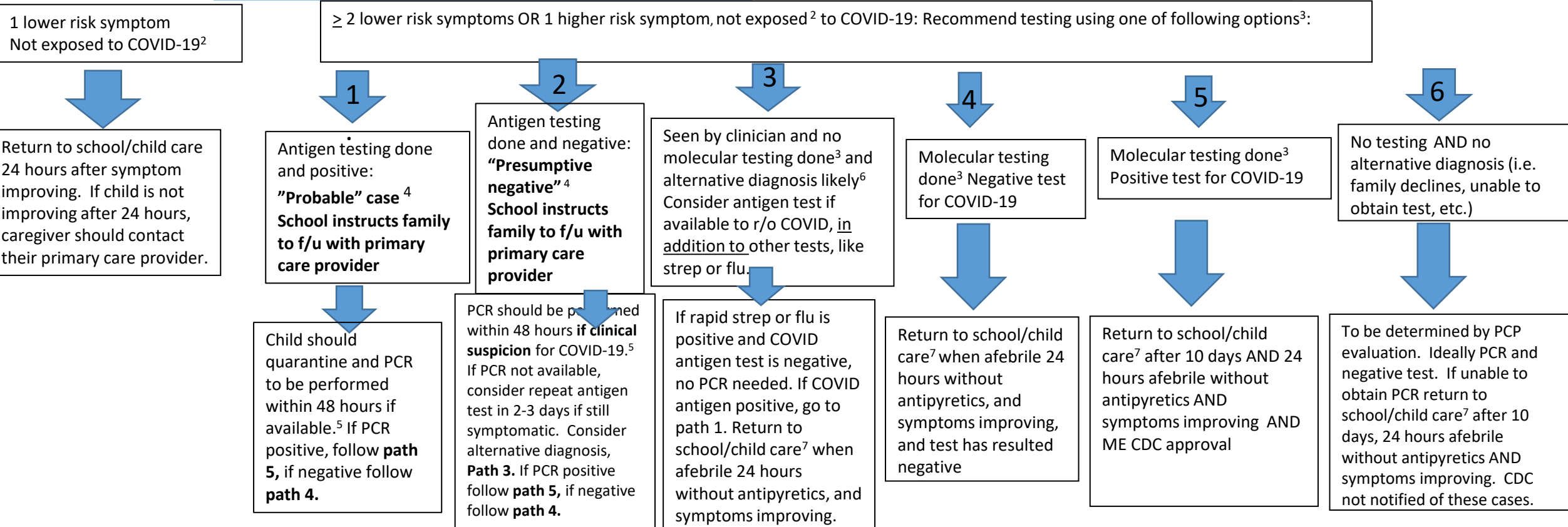
MAAP: For Medical Providers: Assessing for COVID-19 in children with symptoms and NO KNOWN EXPOSURE to COVID-19¹ (Updated 10/21/21)(Both Vaccinated and Unvaccinated)



IF EXPOSED to COVID-19, algorithm does NOT apply, patient will follow CDC guidelines²

Lower risk ¹	Higher Risk ¹
New Headache	New, uncontrolled cough
Myalgias	Shortness of breath or difficulty breathing (not exercise induced asthma)
Runny nose/congestion	New loss of taste or smell
Nausea/vomiting/diarrhea	Fever (100.4 or higher), chills, rigors
Any of above symptoms present beyond typical symptoms (i.e. allergies)	Sore throat

Consider COVID-19 with ≥ 1 higher risk symptom or ≥ 2 lower risk



This guidance was adapted from Washington University in St Louis by the Maine Chapter of the American Academy of Pediatrics, school nurses, school physicians, and Pediatric Infectious Disease Experts.

It is subject to change based on the evolving science. <https://www.maineaap.org/news/2020/school-re-entry-resources> (9/10/21)

MAAP: For Medical Providers: Management of ASYMPTOMATIC children EXPOSED to COVID-19¹ (Updated 11/03/21)

Child is exposed² to confirmed OR presumptive case of COVID-19

If close contact is part of pooled testing program, go to slide 3

[Maine School Standard Operating Procedure \(SOP\)](#) also has specific guidance for close contact in schools



Not Fully Vaccinated
Child should quarantine for at least 10 days (could be longer if close contact at home)

Fully Vaccinated- Fully vaccinated is defined as 2 weeks after receiving 2nd COVID-19 vaccine if receiving Pfizer or Moderna or 2 weeks after 1 shot of J and J vaccine.

If child has tested positive for COVID in the last 90 days

Molecular testing³ performed immediately, and if negative, 5-7 days after last contact or immediately if symptoms develop during quarantine. ([Operational Strategy for K-12 Schools through Phased Prevention | CDC](#) and [Test for Current Infection | CDC](#))

No Molecular Testing³ Performed

If MOLECULAR TESTING positive- ISOLATE for 10 days from date of test, contact tracing performed for school contacts. If symptoms develop, isolate for 10 days from symptoms starting

If MOLECULAR TESTING negative, QUARANTINE for 10 days from last case contact, no contact tracing, monitor symptoms for 14 days. If symptoms develop through 14 days, should be tested

CHILD IS ASYMPTOMATIC -QUARANTINE for 10 days from last exposure to case, no contact tracing

CHILD DEVELOPS SYMPTOMS, do COVID-19 testing. If no testing done- PRESUMPTIVE case. Follow quarantine requirements as instructed.

Asymptomatic: Molecular testing³ performed 5-7 days after last contact and to wear a mask in public indoor settings for 14 days or until they receive a negative test result. Do not need to quarantine if asymptomatic⁸

IF CHILD DEVELOPS SYMPTOMS, should be tested with either antigen or molecular testing. If positive, should isolate for 10 days. If no testing done- PRESUMPTIVE case. Follow quarantine requirements as instructed.

Do not need to test or quarantine in the 90 days post positive COVID test

Pooled PCR Testing Protocol (Updated 10/21/2021)

[COVID-19 ToolKit | Department of Education \(maine.gov\)](#)

Samples collected from Students and Staff Once Per Week
*exclude those from pool who test positive for COVID-19 for 90 days

Pooled Samples Delivered to Lab for Processing Via Overnight FedEx or Courier

Pooled Test Result is **Positive**

All Members tested individually rapid antigen test

Rapid Antigen tests **do not** identify positive individual(s) from pool

Repeat Rapid Antigen testing the following day, or within 2 days, whichever is sooner. If NO positive individual is identified, then proceed with next scheduled Pooled PCR Test.

*Rapid Antigen tests **do** identify positive individual(s) from pool

Close contacts **in** Pool Testing:

- Positive case(s) isolated
- Remaining negative pool members and close contacts in testing program resume in-person learning & school activities.

*First three positive rapid antigen tests recommended for PCR confirmation per Federal CDC guidelines to open an outbreak.

Close contacts **not** in Pool Testing:

- Close contacts not in testing program are quarantined except:
 - Those who tested COVID + in last 90 days
 - Fully vaccinated Individuals do not need to quarantine but should be tested 5-7 days after exposure.⁸

Pooled Test Result is **Negative**

Pool Members continue learning/instruction without Interruption

How to count the days for isolation for patients who are COVID+

Important dates to know - CASES

- **Last Date of Isolation** – this is the last day that a case must be separated from everyone
 - If **no** symptoms Last Date of Isolation is 10 days after test collected.
 - If symptoms Last Date of Isolation is 10 days after symptoms started AND no fever for 24 hrs.



If there is a question about the length of isolation or quarantine, the final decision will be made by the Maine CDC case investigator in consultation with the school nurse contact tracing team

*In some cases, isolation and quarantine times may be longer including for those who are severely ill with COVID-19 or immunocompromised

How to count the days of quarantine for unvaccinated family members of patients who are COVID+

Children and family members who are not fully vaccinated and are living with a household member who is COVID+, need to self-quarantine and monitor for symptoms while the COVID+ patient is home sick. Once the COVID+ patient is released from isolation, the child/family members would quarantine for 10 additional days, then continue to monitor for symptoms for 4 days.

Links to posters to explain timing:

[Ending Quarantine and Return to Work if You Are Exposed to a COVID-19 Case \(PDF\)](#) | [عربي \(PDF\)](#) | [Français \(PDF\)](#) | [Português \(PDF\)](#) | [Soomaali \(PDF\)](#) | [Español \(PDF\)](#)

[What to Do if You Have Had Close Contact With a Person With COVID-19 \(maine.gov\)](#)

[Ending COVID-19 Isolation in Non-Healthcare Settings \(PDF\)](#)

[عربي](#) | [Français](#) | [Português](#) | [Soomaali](#) | [Español](#)

Department of Health and Human Services

Ending Quarantine and Return to Work if You Are Exposed to a COVID-19 Case

Household Contact: Self-quarantine and monitor for symptoms while COVID-19 case is home sick. Once case is released from isolation, quarantine for 10 additional days, then continue to monitor for symptoms for 4 days.

Timeline: Person's onset date. Person released from isolation. 10 days. Household contact released from quarantine if not sick. Monitor for symptoms 4 more days.

Non-Household Contact: Self-quarantine and monitor for symptoms until 10 days after the date of last contact. Continue to monitor for symptoms for 4 more days.

Timeline: Date of last contact with COVID-19 case. 10 days. Contact released from quarantine if not sick. Monitor for symptoms 4 more days.

Healthcare Personnel: Asymptomatic healthcare personnel should self-quarantine for 14 days if the healthcare facility can function without them. If the facility would close without them, they can continue to work as long as they:

- Are not sick.
- Monitor for symptoms.
- Follow quarantine guidelines outside of work.
- Wear a mask.
- Keep a 6-foot distance as much as possible.

Critical Infrastructure: Personnel considered critical infrastructure workers by US CDC may continue to work following potential exposure if they do not have any symptoms and take additional precautions prior to and during their work shift. Follow US CDC recommendations for [critical infrastructure workers \(non-healthcare\)](#).

MAAP: For Medical Providers: Assessing for COVID-19 in children with symptoms and NO KNOWN EXPOSURE to COVID-19, Management of ASYMPTOMATIC children EXPOSED to COVID-19, and Pooled Testing Protocol

Additional Information- Subject to Change as More Data is Available

1. The page 1 algorithm is for symptomatic patients with no known exposures. Threshold for testing will depend on level of community transmission. The page 2 algorithm is for patients WITH exposures. Page 3 is the Maine DHHS Pooled Testing protocol. Algorithms are not intended to replace clinical judgement. Pages 4 and 5 have an overview of counting isolation/ quarantine days.
 2. Exposure is defined as within 6 feet for 15 minutes of cumulative exposure to COVID positive individual. Even if tested, an exposed, unvaccinated patient will need to quarantine for 10 days from last exposure. <https://www.cdc.gov/coronavirus/2019-ncov/php/contact-tracing/contact-tracing-plan/contact-tracing.html>
 3. Available COVID tests for individuals with symptoms suggestive of COVID-19:
 - **Molecular tests:**
 - PCR is most reliable and remains gold standard for testing; is typically run at laboratories, often with 48-72hr turnaround but sometimes longer
 - Isothermal RNA Amplification Tests – e.g. Abbot ID NOW rapid test: less reliable than PCR testing; should be used within first 7 days of symptoms
 - **Antigen testing:** done as rapid tests with results in 15'; have good sensitivity & specificity, but somewhat lower than PCR testing. Antigen tests should be performed as early in illness as possible and not after 7 days of symptom onset.
 - Antigen platform tests: Quidel Sofia SARS Antigen FIA and BD Veritor System- should be used within first 5 days of symptoms
 - Antigen test cards: BinaxNOW - should be used within first 7 days of symptoms
 4. Interpreting rapid antigen test results:
 - Positive result: in settings of lower prevalence, the positive predictive value may be low and lead to false positive tests; therefore positives should be confirmed by PCR testing if testing is available. In addition, the first three positive BinaxNOW tests are recommended for PCR confirmation per Federal CDC guidelines to open an outbreak.
 - Negative result: suggestive that the individual does not have COVID-19. However, if an individual has a known COVID-19 exposure and/or has symptoms suggestive of COVID-19, they should be further evaluated and have additional testing with a PCR test. Currently, antigen tests should not be used for asymptomatic children unless it is part of a surveillance program with an ongoing, scheduled testing plan done in consultation with the Maine CDC.
- All test results should be entered into the Maine CDC Point-of-Care (REDCap) online reporting system. Questions should be directed to the Maine CDC Infectious Disease Line at 1-800-821-5821. The Maine CDC recommends quarantining all unvaccinated close contacts of a probable case in the same way a positive case. Once PCR is complete, if they are later deemed "not a case" the close contacts would then be released. In cases of discordant antigen/PCR test results, the provider should contact the ME CDC. If a PCR test is positive and antigen is negative, treat as a positive case; discuss with the Maine CDC if the antigen test is positive and the PCR is negative.
5. When conducting rapid antigen tests, sites should be prepared to do a confirmatory PCR test for negative results with symptoms concerning for covid-19, and/or exposures, and for positive results if PCR is readily available. PCR testing should be done within 24 hours and no longer than 48 hours; after 48 hours it is considered a new test and can't be matched to the antigen results. If PCR testing is not available at the site, the site should have a relationship with a health care provider who can do PCR testing.
 6. Other Dx to consider in addition to COVID-19: Pertussis, Strep Throat, Common Cold, Flu, Asthma, Allergies, GI illness, Ear infection, etc.
 7. To return to school/childcare, recommend a note from their medical practice or provider.
 8. CDC Guidance on Fully Vaccinated Individuals: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/fully-vaccinated-guidance.html>
 9. Maine Standing Order- on Maine CDC website: 1 year and up; <https://www.maine.gov/dhhs/mecdc/infectious-disease/epi/airborne/documents/StandingOrder-Update.pdf>
 10. Testing Sites: <https://get-tested-covid19.org/> and www.maine.gov/covid19/restartingmaine/keepmainehealthy/testing
 11. More information on testing is available at the Maine CDC [COVID-19 Health Care Provider page](#) – scroll to “Info for Providers Receiving Abbott BinaxNOW Ag Tests”