

Pooled Testing for COVID-19

Watch the August 12, 2020 Beyond the Blog video: “Pooled Testing,” and respond to the following questions.

<https://hudsonalpha.org/beyond-the-blog/>

1. What is pooled testing? What are the advantages and disadvantages of pooled testing?
2. What does a negative result indicate when performing a pooled test? Is additional testing of the samples necessary when a negative result is confirmed? Why or why not?
3. What does a positive result indicate when performing a pooled test? Is additional testing of the samples necessary when a positive result is confirmed? Why or why not?

4. Dr. Neil Lamb discusses 3 different testing scenarios for pooled testing and the CDC has described these as well (<https://www.cdc.gov/coronavirus/2019-ncov/lab/pooling-procedures.html>).

Record the difference between these types of testing in the table below.

Pooled Testing Type	Description	Why and when performed?	Examples of this type of testing?
Diagnostic			
Screening			
Surveillance			

5. Use the table below to distinguish the advantages and disadvantages of using pooled testing.

Pooled Testing		Individual Testing	
Advantages	Disadvantages	Advantages	Disadvantages

6. You are a member of the university advisory council who is weighing the options of utilizing pooled testing as a means of bringing students back to campus for face-to-face instruction. Provide a detailed explanation for how pooled testing might enable this safe return to campus. Use a claim, evidence, reasoning format to support your claim.

Claim (Can pooled testing be used to support a return to campus?)	Evidence

Reasoning