

Speed Without Compromise

- ✓ Lab-quality performance
- ✓ Results in 5 minutes
- ✓ Test almost anywhere



Results in 5 minutes

Speed matters in COVID-19 testing. Whether testing one patient during an office visit or 1,000 people at a mass testing venue, efficiency and safety are important.

Test almost anywhere

- | | |
|--|---|
|  Hospital |  Community testing |
|  Nursing Home |  Prison |
|  Clinic |  Workplace |

HOW IT WORKS

Simple procedure.



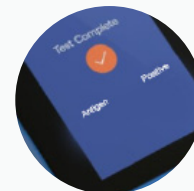
1. Collect anterior nasal swab. Extract in lysis buffer.



2. Dispense sample into cartridge



3. Insert cartridge into LightDeck Analyzer



4. Insert cartridge into LightDeck Analyzer.

The Critical Role of Point-of-Care Antigen Testing

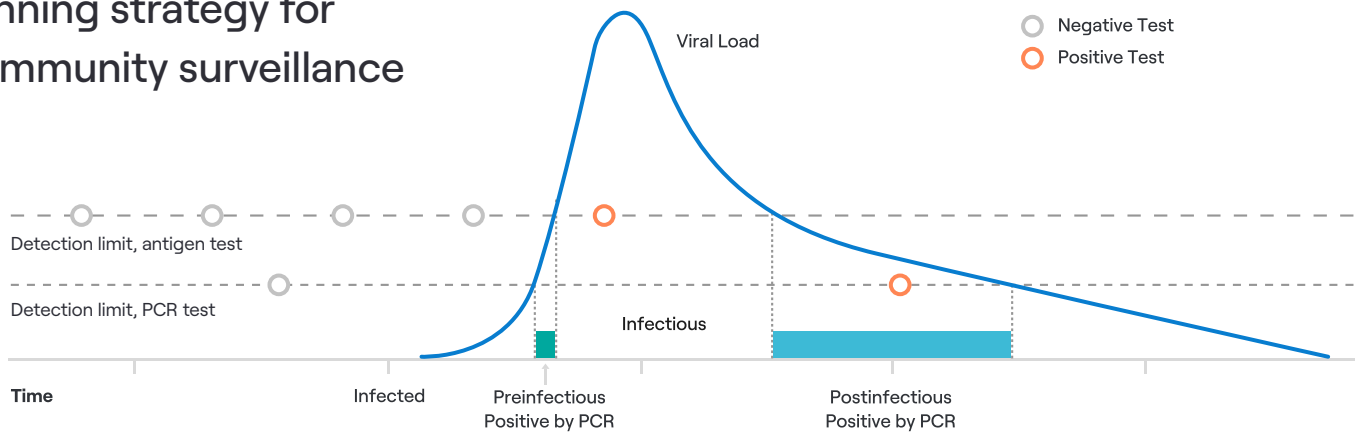
For COVID-19 community surveillance testing, experts urge providers to think beyond sensitivity and consider the overall testing strategy including test frequency, who is tested and whether results are delivered fast enough to prevent spread. In other words, how well does the testing regimen detect infectious people?

Antigen tests do not have an amplification step, so the limit of detection is higher than a PCR test.

“...but that is largely inconsequential if the goal is to identify people who are currently transmitting virus. SARS-CoV-2 is a virus that grows quickly inside the body, so by the time a PCR test becomes positive, the virus is well into exponential growth. At that point, it is probably hours, not days, before the virus grows by orders of magnitude, reaching the detection thresholds of currently available cheap and rapid point-of-care tests. It is after this point, when people would have positive results on both tests, that they would be expected to become infectious.”

Michael J. Mina, M.D., Ph.D., Roy Parker, Ph.D., and Daniel B. Larremore, Ph.D.
Rethinking Covid-19 Test Sensitivity — A Strategy for Containment *New England Journal of Medicine* 383;22 Nov. 26, 2020

Implementing fast, simple point-of-care testing is a winning strategy for community surveillance



1. Larremore DB, et al. Test sensitivity is secondary to frequency and turnaround time for COVID-19 surveillance. September 8, 2020
2. Paltiel AD, et. al. Assessment of SARS-CoV-2 screening strategies to permit the safe reopening of college campuses in the United States. *JAMA Netw Open* 2020; 3(7): e2016818.
3. Chin ET, et.al.. Frequency of routine testing for COVID-19 in high-risk environments to reduce workplace outbreaks. September 9, 2020

The LightDeck COVID-19 Antigen Test is under development and not for sale.