

ASSURE-100

**ASSURE: Accelerated Sensor Solution
for Urgent Response to Epidemics**



SIMPLE, FAST, ACCURATE, AFFORDABLE

ASSURE-100 is a rapid test for detecting the highly infectious SARS-CoV-2 virus, which causes COVID-19. Developed with groundbreaking genomic Artificial Intelligence, ASSURE-100 rapid tests are designed for regular interval vigilance testing. ASSURE-100 delivers results in just a few minutes and requires no special equipment, no painful high-nasal swabbing, and no mailing of specimens or lab processing.

ASSURE-100 cassettes are a “lab-on-a-stick” that can deliver rapid results without complex equipment, accurately and affordably, by detecting the presence of SARS-CoV-2. The ASSURE cassette results reveal if a person is infectious, or near-infectious, so that they may take action to self-isolate or seek medical attention.

ASSURE tests are simple, fast, accurate, and affordable, enabling highly-specific regular testing for COVID-19 infectiousness.

- ✓ **SIMPLE** – Swab, mix, apply. The lateral flow assays (LFA) are easy to use: simply mix a swab specimen with the ASSURE-100 solution, then apply it to the LFA and wait for your results to appear.
- ✓ **FAST** – Standard PCR tests are expensive and not always available when required. Results can take days to return from the lab or processing point. ASSURE-100 rapid tests eliminate shortages and delay problems by providing results in just minutes.
- ✓ **ACCURATE** – ASSURE-100 is highly sensitive and specific to SARS-CoV-2. IRB testing with clinical and academic partners has shown 98% accuracy in detecting infectious and near-infectious levels of virus.
- ✓ **AFFORDABLE** – Unlike costly PCR tests, ASSURE-100 kits can be produced at scale, reducing costs to just a few dollars per test. This allows regular interval test-taking for groups, organizations, schools, or anyone at high risk of exposure.



CONTACT INFORMATION:

assure-19@oceanit.com | [Twitter: @oceanit](https://twitter.com/oceanit) | [Facebook.com/oceanit](https://facebook.com/oceanit) | oceanit.com | assure19.com

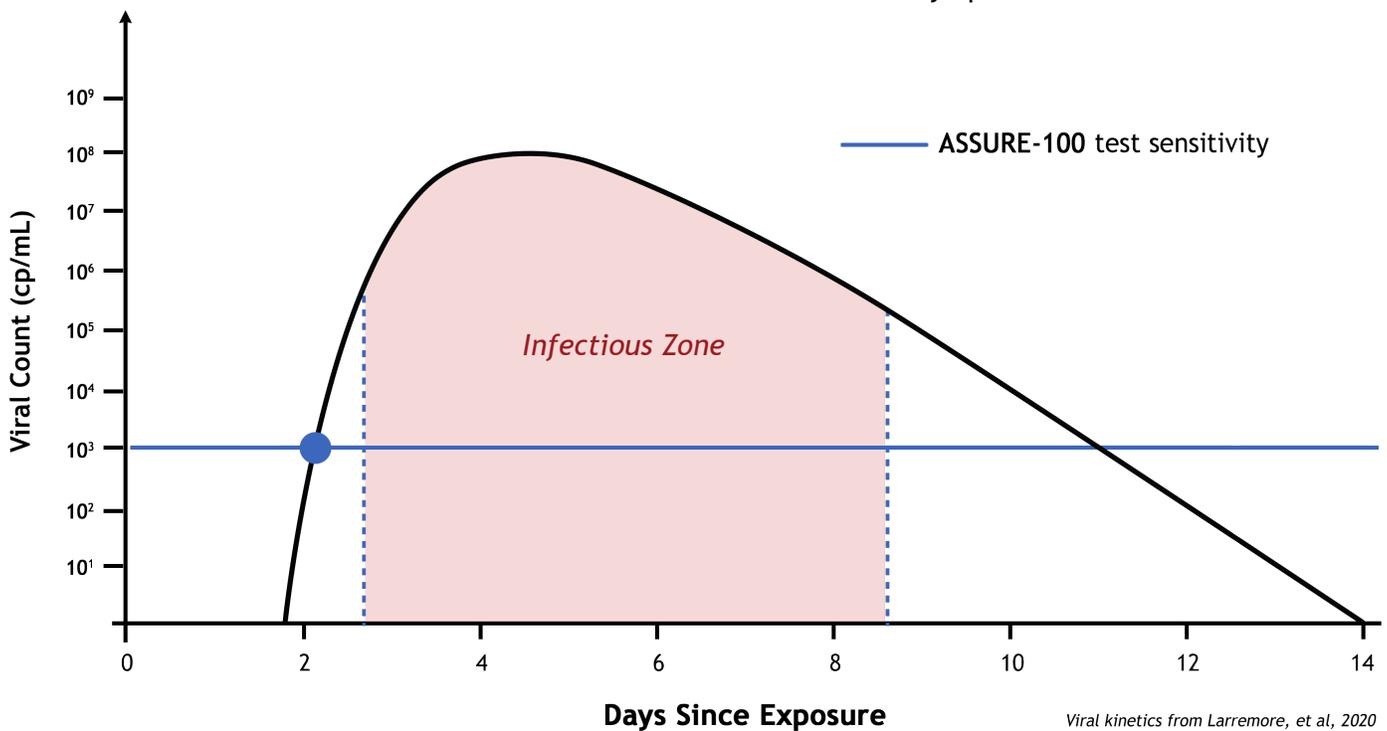
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ASSURE tests utilize **engineered-for-purpose molecules** designed for targeted response to a specific portion of a virus's genomic sequence. ASSURE-100 targets specific proteins inside SARS-CoV-2, the virus that causes COVID-19.

ASSURE-100 delivers results on a simple cassette, displaying a control line to demonstrate the test is working, and a positive test line if the virus is present. The cassette works in a similar manner to a pregnancy test, detecting near-infectious and infectious levels of SARS-CoV-2 in a user's specimen, delivering results quickly and reliably.

The affordability of ASSURE-100 rapid tests is key to enabling the regular test taking that experts argue can drive infections down close to zero and enable a safe reopening. With regular rapid testing, communities can isolate the sick more quickly and eliminate unnecessary self-quarantines for those who are not infectious.

ASSURE-100 vs PCR ASSURE-100 Test Reduces Community Spread



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assure-19@oceanit.com | [Twitter: @oceanit](https://twitter.com/oceanit) | [Facebook.com/oceanit](https://facebook.com/oceanit) | oceanit.com | assure19.com