

CASE STUDY

1,100 New York State Schools used PCR Saliva testing to get students back in the classroom

PROGRAM SNAPSHOT

36

Quadrant partnered with 36 counties in NY State to offer COVID testing in schools

1,100

1,100 schools participated in COVID testing using Quadrant's COVID-19 PCR Saliva Test

720k+

Quadrant processed over 720,000 saliva samples for K-12 students through NYS



Tests were self-collected and no additional samples were collected for reflex testing

Proven success gets students back in the classroom

In response to the global pandemic, Quadrant Biosciences in partnership with SUNY Upstate Medical University developed a PCR saliva test to monitor college students across the 64 SUNY campuses. In September 2020 the test received an Emergency Use Authorization (EUA) from the FDA, and in May 2021 it was amended to include pooled samples. Pooled testing allowed us to scale up our testing efforts by processing up to 12 samples at one time.

With a simple self-collection process and the success of testing large groups of the student population at the college level, it was an easy decision to share our testing process with primary schools and get kids K-12 back in the classrooms.

The 3 R's of COVID Testing with Quadrant

Implementing a COVID-19 testing protocol for grades K-12 was easy for students, teachers and faculty. Quadrant Laboratories provided schools with COVID-19 Saliva Tests, shipping kits, training materials including posters and videos, even in-person trainers for the launch of testing.

Register - Parents were instructed to create online patient profiles in our online application for each child identifying what school they attended. Schools designated staff to monitor testing and oversee results, these staff members were instructed to create account profiles in the app.

Results - Results were available via our custom online application within 24-48 hours of receipt at our lab. Designated staff received an email when their school's test results were available for review. Parents, as well as county health officials, also received these results and any positive cases were simultaneously uploaded into the state tracking system alleviating the need for schools to report positive cases. *All positive samples are sequenced for all known variants and reported to NYS DOH.

Review - Positive cases could be immediately identified through sort functions within the online application, allowing school officials to make quick, informed decisions about the health and safety of their staff and students should a student test positive.

Having a simple process, with access to timely and accurate results was the key to keeping the kids of New York State safely in the classroom throughout the 2021-2022 school year.

"Simplicity was our goal for COVID testing K-12 students. Our testing process was simple and streamlined. Our saliva test was simple and non-invasive so kids weren't afraid to test."

Rita Romano
President
Quadrant Laboratories



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