

CAPITAL DIAGNOSTICS

Excellence and Innovation in Molecular Laboratory Testing in
Response to the Global Pandemic





ABOUT US

State of the art high-complexity CLIA certified lab based in Laurel, Maryland

Staffed by Board Certified pathologists with training from Johns Hopkins University and the University of Maryland

Over 500,000 Covid-19 PCR tests performed since the start of the pandemic

Current clients include local hospital systems, nursing homes, medical clinics, and schools DMV area schools

Capital Diagnostics is the leading laboratory for Covid-19 K-12 school testing in the DMV region

Provided comprehensive testing services for approximately 40 schools during the 2020-2021 academic year

Easy end-to-end process has provided invaluable experience and garnered tremendous school and parental satisfaction in K-12 school Covid testing

- School Assessment:
 - Capital Diagnostics staff physicians collaborate with schools to formulate best testing strategy for school
 - Determine appropriate testing frequency desired by school and testing methodology (pooled vs non-pooled)
- Registration:
 - Simple online registration available in English, Spanish, and Chinese
 - Parental online consent obtained during registration process
- Scheduling:
 - Flexible accommodation of school requested testing days and times
 - Help school to determine testing flow of students per grade/class or groups within each school

Testing Process

- On-site specimen collection
 - Capital Diagnostics clinical team comes to you
 - No self swabbing necessary
 - Robust clinical team of experienced healthcare workers with COVID testing experience
- Transport
 - Capital Diagnostics facilitates all sample transport to the laboratory via in house couriers
- Results
 - All reports are emailed to individual families and available for schools via secure online portal
 - Positive cases are immediately communicated directly to the school and student family by a licensed physician or nurse via phone
- Reporting
 - All services include result reporting to local, state, and federal health departments (as required)

Testing Process

What Makes Us Unique?

- Capital Diagnostics uses the most sensitive PCR test available.

PerkinElmer EUA FDA approved New Coronavirus Nucleic Acid Detection PCR kit is the most sensitive assay on the FDA's approved list of PCR tests

<https://www.fda.gov/medical-devices/coronavirus-covid-19-and-medical-devices/sars-cov-2-reference-panel-comparative-data>

- Pooled testing of 5 samples shown to be 100% sensitive (Pools of 25 can be very dilutive and lead to false negatives, making outbreaks more possible and more students having to quarantine unnecessarily).
- Each student/staff swab is placed into individual barcoded sample collection tubes instead of placing multiple swabs into 1 collection tube. This approach minimizes pooling errors onsite and eliminates the need of a second collection if the pool is positive.
- Most extensive experience in the region of school Covid-19 testing
- On-site collectors minimize risk of needing to re-swab students, lessens the burden of school nurses, and reduces apprehension among younger students
- Comprehensive approach where the lab is involved on all phases of the testing process
 - No subcontractors
 - Flexibility in Testing Schedule
 - Allows ability to accommodate last-minute schedule changes
 - Easier to implement new testing approaches and strategies based on school needs
 - Located in Laurel, Maryland
 - Physician and other clinical coordinators can provide on-site assistance and troubleshoot rapidly
 - Local courier system ensures specimens reach lab intact and rapidly to provide turn-around time of 24 hours or less.



Your kids will go from this ↑

.... To this ↑

Our Experience

- Extensive School Covid Testing experience in the Maryland, DC, and Virginia area (Approximately 40 schools)
- End-to-End turnkey testing with a full team onsite
 - On-site medical personnel collecting and swabbing all students
 - Turn-around within 24-48 hours
 - Online portal for registration and to check results
 - Physicians communicate positive results to student's family and school staff



- Bullis School
- Feynman School
- Mclean School
- German International School
- Charles Smith Jewish Day School
- Washington Episcopal School
- Norwood School
- Connelly School Of Holy Child
- The Landon School
- St Andrews Episcopal
- Stoneridge School of Sacred Heart
- Harbor School
- Sand Spring School
- Deiner School
- Concord Hill



- National Cathedral School
- Milton Gottesmon Jewish Day School
- St. Albans School
- St. Patrick's School
- Sidwell School
- Lowell School
- Beauvoir School
- Digital Pioneers Charter School
- Center City Brightwood
- Center City Capitol Hill
- Center City Petworth
- Center City Trinidad
- Center City Congress Heights



- The Potomac School
- The Langley School
- St Agnes School

Our Feedback

- “In a year with so many uncertainties, I have found certainty in the professionalism and dedication displayed by Capital Diagnostics as they worked to process results in a timely manner and reached out immediately with positive cases (early morning and weekends), so that we could coordinate on informing infected individuals, start them isolating at home, and begin contact tracing. This rapid response enabled us to limit potential exposures.”
- “The amount of testing we did this year would not have been possible without their collaboration, support, organization, and patience.”
- “From the beginning, Capital Diagnostics were easy to work with to get things set up. Their professionalism and expertise were very reassuring.”
- “Capital Diagnostics provided soup to nuts service in collecting samples using medical technicians and materials they provided, delivering those samples to their lab where they were processed, providing us real time access to results.”
- “The processes Capital Diagnostics use to register, set up and ultimately administer the testing are smooth and efficient. When I asked our main contact what we would need to provide Capital Diagnostics as a school, the answer was short and sweet: two tables. I could not believe how easy it was, but it is completely accurate: the team comes on time, always, and sets up on two tables. The rest of the process is taken care of by their attentive staff. The testing professionals are very kind with our students, reminding them that it might feel weird for a second but it will be over quickly. Each test is about 30 seconds, so we can move through a large volume of people quite quickly”

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Thank You