



### **Testing Methodology & Corp Background:**

Aegis Sciences is a CAP accredited lab that provides diagnostic testing to healthcare clients and provide sports and COVID testing to MLB, NFL, NHL, NASCAR and other player associations and NCAA. We are licensed to provide COVID19 testing in PA and currently have testing capability of 7,000 COVID-19 tests/per day with an average 24-hour turnaround time from when sample is at the lab. Results will be released to the ordering provider, CDC and PA Dept of Health.

### **SARS-CoV-2 Testing**

- **Device type** –
  - Nasal-pharyngeal swab (iClean swab + Prime MTM transport media). The swab is placed in the viral transport media to preserve and inactivate the sample allowing for a 3 day stability period.
    - Option for a oropharyngeal or nasal swab collection
  
- **Method of testing:**
  - We have validated Real Time Reverse-Transcriptase Polymerase Chain Reaction (Real Time RT-PCR) genetic instrumentation and FDA approved kits/reagents to perform the testing. The testing is performed in a highly automated manner to ensure accuracy, precision, and reproducibility. Validated in accordance with FDA requirements.
  - We perform an automated DNA and RNA extraction using a Chemagic 360 platform to ensure the highest quality and fastest turn-around time.
  - Once the viral nucleotides are extracted, we are performing real-time reverse-transcriptase polymerase chain reaction (real time RT-PCR). We are capable of detecting as little as 20 copies of virus in a mL of sample media.
  - We have specificity of >99% and the aforementioned sensitivity of 20 copies of virus/ml
  
- **TAT:**
  - Average 24 hours from when received at lab – biopharma lab is open 7 days a week
  
- **Packaging:**
  - Reqs, swabs, transport media tube, specimen bags, box, and FedEx UN3373 clinical pack included
  - Overnight shipping via FedEx . Mon-Sat pickup and delivery.
  
- **Results reporting:**
  - Web Portal (faxing also an option)
  - Reporting to state DOH & CDC in accordance with public health emergency response requirements

For the residents we bill their insurance for the testing and there are no copays or deductibles. If someone is uninsured the CARES act is used and Medicaid is billed. If you are testing employees we can follow the same procedure but will need a Lab Service Agreement or direct bill set up in case the insurance will not pay for the staff testing. If you have a medical director they will sign our provider acknowledgement form and we will use their NPI number to bill insurance.

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Note: Please let Brent know you are with LeadingAge