

Novel Coronavirus (2019-Novel Coronavirus) COVID-19, Molecular

Test:	COVID-19 Testing by Real-Time RT-PCR
Submission Criteria:	Specimen: Nasopharyngeal (NP) or anterior nares <u>Swab/Container:</u> Swabs with synthetic tips such as nylon or Dacron and an aluminum or plastic shaft. Place swabs immediately into sterile tubes containing 2-3 mL of viral/universal transport media.
Storage and Stability:	72 hours at 2-8C If exceeding 72 hours, store the specimens at $\leq -70C$
Rejection Criteria:	Rejection criteria include but are not limited to: <ol style="list-style-type: none">1. Specimen containing fibrin or clots.2. Excessive platelet clumping3. Leaking specimens4. Substandard mixing or collection5. Expired or improperly stored collection tubes6. Improperly filled tubes based on collection tube manufacture's guidelines.7. Contaminated specimens (IV fluid, foreign particles, etc.)8. Specimens not analyzed within the appropriate time frame.9. Samples not shipped at appropriate temperature.10. Samples without <u>two</u> proper identifiers or samples having identifiers that do not match the electronic or paper lab requisition.
Turnaround Time:	3 Days
Clinical Significance:	Viral transmission is person to person through direct contact with upper respiratory droplets containing virus from symptomatic and asymptomatic carriers. Symptoms range from mild to severe including severe acute respiratory distress (ARDS) with fever, cough, and shortness of breath. Some patients have also demonstrated sore throat and gastrointestinal distress and/or renal failure.
Reference Ranges:	Not Detected for all targets on panel.
Method:	Real Time Reverse Transcriptase- Polymerase Chain Reaction (PCR) for 2019 Novel Coronavirus.
Platform:	Applied Biosystems/Life Technologies QuantStudio 12K Flex Instrument
CPT Code:	U0003