



Covid -19 Announcement

Facts:

There are limited resources (UTM) for Covid-19 patient test kits. Currently supplies are being given preferentially to severely hit regions with only limited testing supplies being made available in our area. The large reference labs are essentially rationing the test kits with many facilities receiving only ten test kits at a time. Needless to say, that is an unrealistically low amount considering the widespread demand for testing.

The turn-around-time with large reference labs to collect, run and report the coronavirus test results (3-4 days) is not accurate due to limited testing resources and the need to transport specimens to facilities which can actually perform the testing, the latter likewise slowing the reporting of results. The true turnaround time could be as long as ten days.

Patients with symptoms are more than likely to have something other than the coronavirus such that multiplex PCR testing would likely be a more comprehensive and cost-effective test. The latter would include Covid-19 testing but also other common respiratory pathogens.

Ambassador Debbie Brix to Serve as the White House Coronavirus Response Coordinator

Dr Brix speaking on the White House lawn yesterday at a press conference reported as follows:

“In LabCorp and Quest’s early data, they’re running about 1 to 2 percent positive. That means that we have a lot more other respiratory disease out there besides the coronavirus. And that’s why the screening is critical. But even with the screening, we’re going to find what we think are very low rates.”

This underscores the need to remember that other common respiratory pathogens still will encompass the vast majority of symptomatic cases. While those patients may require treatment, they do not have Covid-19. Mutiplex PCR testing will again provide more useful information as the identity of the actual involved pathogen will direct the most effective and expeditious treatment.

In the best interest of the patient’s health and the current epidemiological situation with limited testing kits available, we suggest you order the **Respiratory Viral Panel, PCR (Test ID:10102)** . The Respiratory Viral Panel PCR includes **SARS-CoV-2 RNA** in addition to the following viral pathogens that are included in the panel: Adenovirus, Coronavirus HKU1, Coronavirus NL63, Coronavirus 229E, Coronavirus OC43,Human Metapneumovirus, Human Rhinovirus/Enterovirus, Influenza A, Influenza NH1, Influenza NH3, Influenza NH1 -2009,Influenza B, Parainfluenza Virus 1, Parainfluenza Virus 2, Parainfluenza Virus 3,Parainfluenza Virus 4, Respiratory Syncytial Virus. The following bacterial respiratory pathogens are also included: Bordetella pertussis Chlamydophila pneumoniae Mycoplasma pneumoniae). The turn-around-time Respiratory Viral Panel, PCR with **Labtech Diagnostics is 24-48 hours** .

SARS-CoV-2 RNA can aslo be ordered as a seperate test (**Test ID: 39433**).



Respiratory Panel PCR now with COVID-19!

Other common respiratory pathogens still will encompass the vast majority of symptomatic cases. Respiratory Panel PCR with COVID-19 tests in house with a 24-48 hour turnaround time.

Laboratory Results

Patient	Name: Patient, Patient	Patient ID#: 20	Collection Time: 3:17 PM	Specimen ID: 1447762	Doctor	Doctor: Name, Doctor	
	Phone: (305)333-4444	Gender: Male	Birth: 1/1/1950	Age: 70		Report Type: Complete	Practice Name
	File ID:	Fasting Status: Unknown	Received Date: 3/25/2020	Report Date: 3/25/2020		Address	Phone Number

RESPIRATORY PANEL PCR

Test	Current 3/25/20	Reference Range	Units	Previous
Parainfluenza Virus 2	Not Detect	Not Detect		
SARS-CoV-2 RNA	Not Detect	Not Detect		
Coronavirus HKU1	Not Detect	Not Detect		
Coronavirus NL63	Not Detect	Not Detect		
Coronavirus 229E	Not Detect	Not Detect		
Coronavirus OC43	Not Detect	Not Detect		
Human Metapneumovirus	Not Detect	Not Detect		
Human Rhinovirus/Enterovirus	Not Detect	Not Detect		
Influenza A	Not Detect	Not Detect		
Influenza B	DETECT A	Not Detect		
Parainfluenza Virus 1	Not Detect	Not Detect		
Parainfluenza Virus 3	Not Detect	Not Detect		
Parainfluenza Virus 4	Not Detect	Not Detect		
Respiratory Syncytial Virus	Not Detect	Not Detect		
Bordetella pertussis	Not Detect	Not Detect		
Chlamydia pneumoniae	Not Detect	Not Detect		
Mycoplasma pneumoniae	Not Detect	Not Detect		
Adenovirus	Not Detect	Not Detect		

Respiratory Panel Multiplex PCR identifies the most common viral and bacterial pathogens that cause respiratory tract infections that present with nearly indistinguishable symptoms. The rapid and accurate identification of the causative agent helps determine how a healthcare provider chooses to treat an upper respiratory tract infection.

This test can help rule out other viruses that share similar symptoms to COVID-19.