



## Testing Criteria for SARS-CoV-2 for Patients with Suspected COVID 19 Disease

Date: March 16, 2020

Purpose: To guide clinical providers in all phases of care on who to test for SARS-CoV-2, the virus causing COVID-19 disease.

Procedure

Providers should use their clinical judgement based on the following guidance on who to test for SARS-CoV-2 virus. National shortages of testing supplies and capacity to test limit our ability to test all patients who have symptoms. This testing targets those at high risk for complications and those at high risk for transmission to at risk population.

CLINICAL CRITERIA	HIGH RISK FACTORS	QUEST COVID19 TEST
Asymptomatic		<b>NO</b>
Symptoms of acute respiratory infection (fever, cough and new shortness of breath) and does <b>not</b> require hospitalization		<b>NO</b>
Symptoms of acute respiratory infection (fever, cough and new shortness of breath) and does <b>not</b> require hospitalization	Health care worker Age > 65 with comorbid conditions Works or lives in congregate setting such as skilled nursing facility, rehab center, correctional facility Special populations: immunosuppression (prednisone > 20 mg), malignancies, severe chronic lung disease, Coronary artery disease and pregnancy	<b>YES</b>
PATIENTS ADMITTED OR BEING ADMITTED ONLY		
Symptoms of acute respiratory infection (e.g. new cough and/or new shortness of breath with or without fevers) and requiring hospitalization and no alternative diagnosis such as: Positive blood cultures Cavitary pneumonia on imaging Chronic (>14d) cough		<b>YES</b>



# COVID-19 Order Sets

## Job Aid v03.16.20

Two order sets are now available for use throughout DHS to facilitate the workup of suspected COVID-19 cases:

- "Coronavirus COVID-19 (SARS-CoV-2)" (for use in acute care settings including ED, inpatient, hospital based urgent cares, and MLK)
- "AMB Coronavirus COVID-19 (SARS-CoV-2)" (for use in clinic settings, non-hospital based urgent cares, and Rancho Los Amigos)

Each order set includes guidance on appropriate use of testing. Please follow these guidelines carefully – testing capacity is limited. These guidelines will be updated frequently and will vary from the sample screenshots below.

The latest clinical guidelines can always be found on the [DHS COVID Sharepoint](#)

Note that in acute care settings, **ONLY ONE NASOPHARYNGEAL SWAB SHOULD BE USED. AFFIX BOTH ORDER STICKERS TO THE SINGLE SWAB FOR FLU/RSV AND COVID TESTING.**

### Coronavirus COVID-19 (SARS-CoV-2) Testing

Coronavirus COVID-19 (SARS-CoV-2) (Planned Pending)		
Patient Care		
Medical providers needing assistance with diagnosis and infection control can call LAC DPH Acute Communicable Disease Control (ACDC) (323) 340-7881 (Office) (323) 340-7881 (After Hours Emergency Operator)		
Comprehensive Disease (SARS-CoV-2) Physician Checklist (see website)		
Patient Isolation Precautions (Isolation Precautions) T,N, Contact and Airborne		
Upper Respiratory		
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Nasopharyngeal Swab, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Use a synthetic fiber swab with plastic shaft. Do not use calcium alginate swabs or swabs with wooden shafts. Place swab in a sterile tube with 2-3 ml of viral transport media Do NOT combine NP/OP swab specimens; keep swabs in...
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Oropharyngeal Swab, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Use a synthetic fiber swab with plastic shaft. Do not use calcium alginate swabs or swabs with wooden shafts. Place swab in a sterile tube with 2-3 ml of viral transport media Do NOT combine NP/OP swab specimens; keep swabs in...
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Nasal Aspirate, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	2-3 mL in a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container.
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Nasopharyngeal Wash, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	2-3 mL in a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container.
Lower Respiratory (for patients with productive cough)		
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Bronchial Alveolar Lavage, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	2-3 mL in a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container.
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Tracheal Aspirate, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	2-3 mL in a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container.
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Sputum, Stat collect, T,N, Nurse collect
<input type="checkbox"/>	2019 nCoV Real Time RT-PCR-PHL	Have the patient rise the mouth with water and then expectorate deep cough sputum directly into a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container.

### AMB Coronavirus COVID-19 (SARS-CoV-2)

AMB Coronavirus COVID-19 (SARS-CoV-2) Testing (Planned Pending)		
Patient Care		
<ul style="list-style-type: none"> <li>- COVID testing should only be ordered for patients who have symptoms of acute respiratory infection (fever AND cough or new shortness of breath) AND have high risk factors</li> <li>- Do NOT order COVID testing for asymptomatic patients</li> <li>- High risk factors:               <ul style="list-style-type: none"> <li>- Health care worker</li> <li>- Older adult (age &gt;= 65 years) with chronic medical conditions (e.g. diabetes, heart disease, chronic lung disease, chronic kidney disease)</li> <li>- Works or lives in congregate setting (SNF, rehab center, correctional facility, etc.)</li> <li>- Special populations: immunosuppression (prednisone equivalent &gt; 20mg), cancer patients, pregnancy</li> </ul> </li> </ul>		
For more information click on the DHS COVID-19 Expected Practices weblink		
Laboratory		
<input checked="" type="checkbox"/>	SARS-CoV-2 RNA, Qualitative Real-Time RT-PCR-SO	Nasopharyngeal Swab, Stat collect, T,N, Nurse collect
Special		
Please give your patients guidance on when to seek further medical care		
Home Care Instructions - for patients not being tested		
Home Isolation Instructions - for patients being tested		
LAC DPH Coronavirus Disease 2019 Information for Healthcare Providers		

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