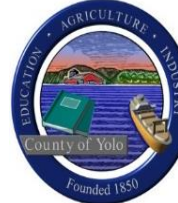


**NAPA-SOLANO-YOLO-MARIN COUNTY  
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<b>Test</b>	2019-Novel Coronavirus (SARS-CoV-2) PCR
<b>Test Description</b>	Real-time reverse transcriptase polymerase chain reaction for the detection of SARS-CoV-2 RNA. SARS-CoV-2 RNA is generally detectable in upper and lower respiratory specimens during SARS-CoV-2 infection (COVID-19). Positive results are indicative of active infection with SARS-CoV-2 but do not rule out bacterial infection or co-infection with other viruses.
<b>Acceptable specimens</b>	<p><b>1. Nasopharyngeal (NP) swab (preferred)</b></p> <p>A. The recommended specimen type is an NP swab placed into a vial containing 2-3 ml of viral transport medium (VTM), universal transport medium (UTM), liquid Amies liquid transport medium, or sterile saline. It is also preferred to combine separate NP and oropharyngeal (OP) swabs at collection into a <u>single</u> vial.</p> <ol style="list-style-type: none"> <li>i. NP swab: Insert a swab into the nostril parallel to the palate. Leave the swab in place for a few seconds to absorb secretions.</li> <li>ii. Use only synthetic fiber swabs with plastic shafts. Do not use calcium alginate swabs or swabs with wooden shafts, as they may contain substances that inactivate some viruses and inhibit PCR testing.</li> <li>iii. Refrigerate specimen at 2-8 °C.</li> </ol> <p><b>2. OP swab</b></p> <ol style="list-style-type: none"> <li>A. OP swab (e.g., throat swab): Swab the posterior pharynx, avoiding the tongue.</li> <li>B. Place in VTM, UTM, liquid Amies, or sterile saline.</li> <li>C. Refrigerate specimen at 2-8 °C.</li> </ol> <p><b>3. A nasal mid-turbinate (NMT) swab using a flocced tapered swab</b></p> <ol style="list-style-type: none"> <li>A. Collection demonstration: <a href="https://vimeo.com/135884130">https://vimeo.com/135884130</a></li> <li>B. Place in VTM, UTM, liquid Amies, or sterile saline.</li> <li>C. Refrigerate specimen at 2-8 °C.</li> </ol> <p><b>4. Anterior nares specimen using a round foam swab</b></p> <ol style="list-style-type: none"> <li>A. Place in VTM, UTM, liquid Amies, or sterile saline.</li> <li>B. Refrigerate specimen at 2-8 °C.</li> </ol> <p><b>5. Nasopharyngeal wash/aspirate or nasal aspirate</b></p> <ol style="list-style-type: none"> <li>A. Collect 2-3 mL into a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container. Refrigerate specimen at 2-8 °C.</li> </ol> <p><b>6. Bronchoalveolar lavage, tracheal aspirate</b></p> <ol style="list-style-type: none"> <li>A. Collect 2-3 mL into a sterile, leak-proof, screw-cap sputum collection cup or sterile dry container. Refrigerate specimen at 2-8 °C.</li> </ol>

	<p><b>7. Sputum</b></p> <p>A. Have the patient rinse 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. Refrigerate specimen at 2-8 °C.</p> <p><i>Note: Dry swabs, swabs with calcium alginate tips, or swabs with wooden shafts are unacceptable for collecting specimens. If multiple swabs are collected from the same patient, only one swab may be tested. Please consider combining NP and OP swabs into a single collection vial.</i></p>
<b>Timing of specimen collection (patient eligibility)</b>	Individuals who meet COVID-19 clinical and/or epidemiological criteria (for example, clinical signs and symptoms associated with COVID-19 infection, contact with a probable or confirmed COVID-19 case, history of travel to geographic locations where COVID-19 cases were detected, or other epidemiologic links for which SARS-CoV-2 testing may be indicated as part of a public health investigation). The prioritization of specimens from specific risk groups and the application of these criteria are subject to change by mandate of county health officers.
<b>Specimen storage</b>	Specimens should be kept refrigerated at 2–8°C for up to 72 hours after collection, and frozen thereafter (repeated freezing and thawing is not acceptable).
<b>Specimen shipping</b>	Specimens should be shipped refrigerated (2–8°C) if the shipment is to be received within 72 hours of collection; specimens should be shipped on dry ice if shipment is to be received >72 hours after collection.
<b>CPT code</b>	87635
<b>Test fee</b>	Refer to the posted fee schedule
<b>Result availability (turnaround time)</b>	SARS-CoV-2 testing results are typically available by the next day (by end of day) after specimen receipt.