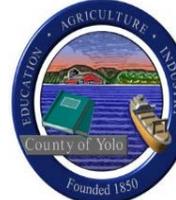


**NAPA-SOLANO-YOLO-MARIN COUNTY
PUBLIC HEALTH LABORATORY**
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Test	BioGX SARS-CoV-2 RT-PCR Reagents for BD MAX™
Test Description	<p>The BioGX SARS-CoV-2 Reagents for the BD MAX System is a real-time reverse transcriptase polymerase chain reaction (RT-PCR) test intended for the qualitative detection of nucleic acid from the 2019-novel coronavirus (SARS-CoV-2) in nasopharyngeal (NP) and oropharyngeal (OP) swab samples from patients who meet COVID-19 clinical and/or epidemiologic criteria. Results are for the identification of SARS-CoV-2 RNA. Positive results are indicative of the presence of SARS-CoV-2 RNA; clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status.</p>
Acceptable specimens	<p>1. Nasopharyngeal (NP) swab</p> <ul style="list-style-type: none"> A. Insert a swab into the nostril parallel to the palate. Leave the swab in place for a few seconds to absorb secretions. <ul style="list-style-type: none"> i. 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. B. Placed into a vial containing 3 ml of viral transport medium (VTM) or universal transport medium (UTM). C. Refrigerate specimen at 2-8 °C. <p>2. Oropharyngeal (OP) swab</p> <ul style="list-style-type: none"> A. Swab the posterior pharynx, avoiding the tongue. B. Place in 3 ml of VTM or UTM. C. Refrigerate specimen at 2-8 °C. <p>3. Combined NP and OP swabs in same vial</p> <ul style="list-style-type: none"> A. Swabs should be combined at collection into the same vial. B. Place in 3 ml of VTM or UTM. C. Refrigerate specimen at 2-8 °C. <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>
Timing of specimen collection (patient eligibility)	<p>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</p>

	specific risk groups and the application of these criteria are subject to change by mandate of county health officers.
Specimen storage	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).
Specimen shipping	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.
CPT code	87635
Test fee	Refer to the posted fee schedule
Result availability (turnaround time)	SARS-CoV-2 testing results are typically available by the next day (by end of day) after specimen receipt.