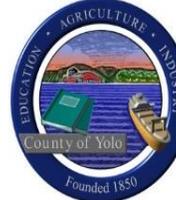


**NAPA-SOLANO-YOLO-MARIN COUNTY
PUBLIC HEALTH LABORATORY**
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Test	PerkinElmer New Coronavirus Nucleic Acid Detection Kit
Test Description	The PerkinElmer New Coronavirus Nucleic Acid Detection Kit is a real-time reverse transcriptase polymerase chain reaction (RT-PCR) test intended for the qualitative detection of nucleic acid from SARS-CoV-2 in human nasopharyngeal swab, oropharyngeal swab, and anterior nasal swab specimens collected from individuals suspected of COVID-19 by their healthcare provider. 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.
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. Swab should reach depth equal to distance from nostrils to outer opening of the ear. Leave the swab in place for several seconds to absorb secretions. Remove swab while rotating it. A. Placed into a vial containing 3 ml of viral transport medium (VTM), leaving the swab in the vial. B. Refrigerate specimen at 2-8 °C. <p>2. OP swab</p> <ul style="list-style-type: none"> A. Swab the posterior pharynx, avoiding the tongue. B. Place in 3 ml of VTM, leaving the swab in the vial. C. Refrigerate specimen at 2-8 °C. <p>3. Anterior nares swab</p> <ul style="list-style-type: none"> A. Using a flocked swab or spun polyester swab, insert the swab at least 1 cm (0.5 inch) inside the nostril (naris) and firmly sample the nasal membrane by rotating the swab and leaving in place for 10 to 15 seconds. Sample both nostrils with the same swab. B. Place in 3 ml of VTM, leaving the swab in the vial. C. Refrigerate specimen at 2-8 °C. <p><i>Note: Use only synthetic swabs with plastic shafts. 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. Combining NP and OP swabs into a single collection vial is appropriate.</i></p>
Timing of specimen collection (patient eligibility)	Individuals who meet COVID-19 clinical and/or epidemiological criteria. The prioritization of specimens from 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. If shipment is delayed, store specimens at -70 °C or lower.
Specimen shipping	Specimens should be shipped refrigerated (2–8°C) and must be received by the laboratory within 72 hours of 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.