



**CITY AND COUNTY OF SAN FRANCISCO
PUBLIC HEALTH LABORATORY**

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San Francisco, CA 94102
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Test Order

SARS-COV-2 Whole Genome sequencing

Synonym(s)	COVID-19 WGS
Methodology	Clear Labs
Acceptable Specimen Type(s) for Testing	Nasopharyngeal (NP), Nasal Pharyngeal Wash, Oropharyngeal (OP), Tracheal Aspirate, Sputum, Anterior Nares, Pleural Fluid, Nasal Mid-turbinate, Bronchoalveolar Lavage (BAL), Nasal Aspirate
Transport / Collection Medium	Universal or Viral transport medium, Saline, RNAsield, Aptima collection kit
Storage and Preservation of Specimen	Freeze original specimen or extract at -70°C within 48 hrs of collection.
Minimum Volume Required	1 mL for original specimen. 40µl for extract.
Additional Collection Instructions	Freeze specimens at -70°C and ship on dry ice in compliance with DoT and IATA regulations governing Biological Substances, Category B (UN 3373) Monday -Thursday. Specimen can also be sent via courier Monday-Friday 8am-5:00pm.
Additional Required Information Send Out?	Collection date, CT/CN or RLU value, Submitting Laboratory specimen ID, Patient's complete name and date of Birth (DOB), specimen type.
Turnaround Time	7 days
Testing Restrictions	Submit COVID-19 positive specimen that have CT/CN values results of ≤ 28 and Aptima specimens with RLU results ≥ 1100
Requisition Form(s)	All WGS specimens must be submitted through Apollo Web. Please call the laboratory and request information about on boarding for Apollo Web at 415-554-2800
Limitations / Notes / Disclaimers	This WGS test has not been validated for diagnostic use. These results are for public health purposes only. WGS results will not be reported to providers or patients or should be included in a patient chart.

For information on variants and variant proportions, please visit the CDC's website: <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-proportions.html>

Lineage results will be submitted to CalREDIE

Updated 4/19/22