



**November 5, 2020 Clinical Update**

**In Today's Newsletter:**

- **Serologic testing for COVID19**

**Today's Status:**

	Inpatient COVID19 + Patients	Asymptomatic Case Positivity (7 day moving average)	Symptomatic Case Positivity (7 day moving average)	COVID Surge Status
UCSF Health	10	0.21%	2.22%	Green
ZSFG	8			

Currently, San Francisco has increased to Level 3 *Moderate* Alert with 5.9 new cases per 100,000 population, equal to about 51 new cases daily in San Francisco compared to 32 last week. The goal is to get below 1.8 per 100, 000. More San Francisco COVID19 public health indicators are available via this [SFDPH Website](#).

**When should I order COVID-19 serology testing and which test should I order?**

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COVID-19 serology tests detect the immune response to infection. Antibodies typically become positive around 14 days after infection.

Serological tests for COVID-19 can be useful for diagnosis in the following situations:

- high clinical suspicion, negative PCR testing, and prolonged symptoms (> 14 days)
- documentation of serological response prior to convalescent plasma donation.

Utility for determining immunity remains uncertain. False-positive serological tests can occur, especially in settings with low prevalence of infections. In order to increase specificity of the test, the [CDC recommends orthogonal testing](#) using two independent tests in sequence.

Providers ordering COVID-19 serology testing may now select an option for this reflex confirmatory testing (“COVID-19 antibody, IgG with Reflex Testing of Positives by ELISA” ). For our low local prevalence of antibodies to the virus, **we recommend including the reflex test as the test of choice.**

If this reflex option is selected, positive tests performed at the UCSF lab for the antibody against the nucleocapsid antigen will be automatically sent out for confirmatory testing using an independent ELISA assay that detects antibody against the spike protein. If the reflex test “COVID-19 antibody, IGG with reflex testing of positives by ELISA” option is selected, providers do *not* need to also order the second option for serologic testing “Covid-19 Antibody, IgG” as this is included in the reflex test.

What updates have been posted to the [HEIP site](#) since the last clinical update?

Descriptive Title	New or Update	Category	Date Updated	Summary of Updates
<a href="#">Donning and Doffing Novel Respiratory Isolation (COVID-19) Videos</a>	Update	Personal Protective Equipment	10/30/2020	New isolation signage, references to PPE re-use and launderable gowns.

**Frequently Used Links**

View COVID Data dashboards:

- UCSF Health [COVID-19 Enterprise Dashboard](#)
- Hopkins [COVID-19 Dashboard](#) (for World, USA and CA #s)
- SF Chronicle [COVID-19 Dashboard](#) (CA, County and SF#s)

Occupational Health Services:

- Continue to work/return to work [detailed staff guidelines](#) and [simple sheet](#)
- COVID-19 Hotline 415.514.7328
- [COVID+ Employees FAQs](#)

[UCSF Health COVID19 Infection Prevention Website](#)

[UCSF Town Halls](#)

[Dept of Medicine COVID Grand Rounds](#)

[Emotional Health and Well-Being](#)

[Visitor Policy](#)

Daily Employee Health Screening: Text "Screen" to: **83973** or [UCSF Online Health Screen](#)

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