

Outpatient Rapid PCR Testing: Flu A&B/RSV/ SARS CoV-2 Guidelines, Epic Instructions, FAQ

This document includes:

- Patient eligibility and testing guidelines, and Epic Instructions
- FAQs addressing testing hours, turnaround time, results notification

Respiratory Viral Tests for FHCC Outpatients Presenting with New Respiratory Symptoms

Please note that for most patients presenting with new respiratory viral symptoms, the Rapid Flu/ RSV/ SARS CoV-2 PCR should generally be ordered. An exception is BMT/ IMTX for whom the extended respiratory viral PCR AND SARS CoV-2 PCR should generally be ordered.

	Order Test Code	Turnaround time	Patient population	Comments
Rapid Flu A&B/ RSV/ SARS CoV-2 PCR	FABRCV (Search for FHCC Rapid in Order Taskbar)	< 4 hrs, possibly longer depending on test volume	All non-BMT/ IMTX BMT/ IMTX pts requiring same day turnaround to guide clinical decision-making*	Only available at South Lake Union (SLU) and Northwest; Evergreen, Peninsula, and Issaquah may collect and send to SLU; Overlake may order as per lab manual. CT values not available**
SARS CoV-2 PCR	NCVQLT	24 hrs	BMT/ IMTX	CT values may be available upon lab request**
Extended Respiratory Viral PCR Test (Does not test for SARS CoV-2)*	REVSQF	24 hrs	BMT/ IMTX Consider in other pts (e.g. heme malignancy receiving high-intensity chemo) on case by case basis***	Detects 14 viruses; coronaviruses included on the extended panel are non-SARS CoV-2 human coronaviruses. <u>SARS CoV-2 must be ordered separately.</u> CT values are routinely reported.** Insurance coverage may be variable outside of BMT/CAR-T with potential costs to the patient

*For BMT/ IMTX pts presenting with new respiratory symptoms, ordering an extended respiratory viral PCR AND SARS CoV-2 PCR is preferred due to the broad range of respiratory pathogens that may influence therapy decisions. In situations where same day turnaround is needed to guide clinical decision-making, a rapid Flu/ RSV/ SARS CoV-2 PCR may be performed.

** CT (Cycle threshold) is a semi-quantitative measure of viral load. Questions about CT values should be directed to ID.

*** Consider in hematologic malignancy patients with **NEGATIVE** Rapid Flu A/B/ RSV/ SARS CoV-2 with ongoing or worsening symptoms and clinical concern for respiratory viral infection. May be used as initial test (+ SARS CoV-2 PCR) in hematologic malignancy receiving high intensity chemotherapy if results of extended panel will change clinical management (e.g. timing of chemo, etc).

EPIC INSTRUCTIONS

COVID-19 Patient Testing Guidelines are subject to change. Please refer to the criteria for testing, regularly updated on [COVID-19 page](#). Below are the instructions on how to order in Epic.

Below are Epic Instructions for:

- Ordering Rapid Flu A & B, RSV, SARS CoV-2 PCR for Symptomatic Patients at South Lake Union or Northwest Hospital Fred Hutch clinics
- Specimen collection
- Surveillance COVID testing
- COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – Phone Call SmartSet
- COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – In Clinic/Walk In SmartSet

Ordering Rapid Flu A&B RSV, SARS CoV-2 PCR for Symptomatic Patients at FHCC SLU or NWH

Test includes: SARS-CoV-2, Influenza A, Influenza B, and RSV.

1. Open the patient's chart to an Orders Only encounter or appointment encounter.
2. In the Orders Taskbar search for **FHCC Rapid** (other synonyms may include “Rapid flu, Rapid RSV, Rapid Covid”)

Order Search

FHCC RAPID

Browse Preference List Facility List

Panels (No results found)

Medications (No results found)

Clinic-Administered Medications

Name	Summary	Pref List	Controll...	Formulary	Copay	Coverage	Drug Ty...	Phas...
aztreonam (Azactam) 200 mg/mL IV syringe (pediatric rapid response)		FHCC C...					Generic...	Activ...
meropenem (Merrem) 50 mg/mL IV syringe (pediatric rapid response)		FHCC C...					Generic...	Activ...

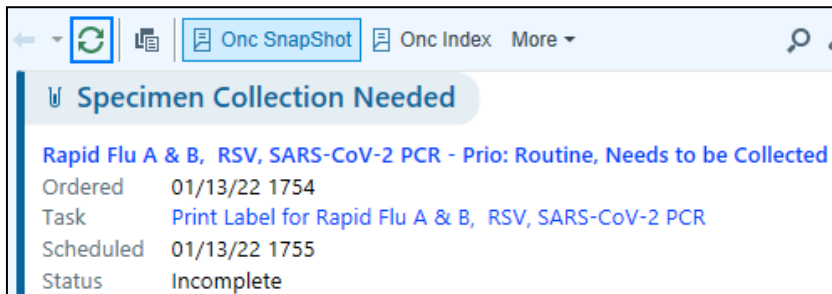
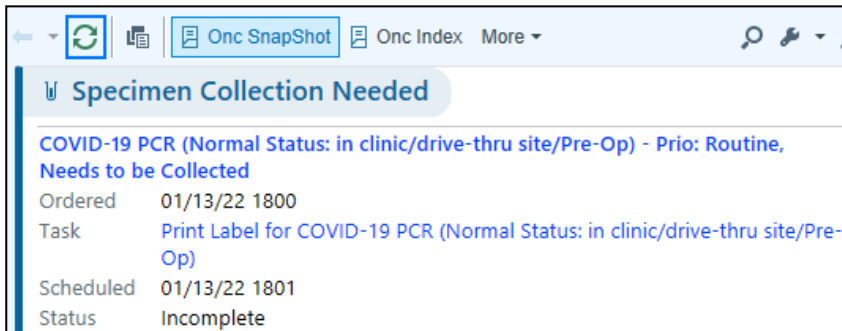
Procedures

Type	Name	Co...	Pref List	Cost to Org	Phase of Care
	FHCC RAPID FLU A&B/ RSV/ SARS COV-2 PCR (COLLECTED AT SLU ONLY)	O3...	FHCC D1 OP LABS FACILIT...		

3. Select the **FHCC Rapid Flu A & B/RSV/SARS-CoV-2** option.
 - a. Then select **Rapid Flu A & B, RSV, SARS-CoV-2 PCR** order.
 - b. Complete all details including:
 - I. **Status= Future**
 - II. **Expected Date= Today** (or day of collection)
 - III. **Diagnosis**
4. Sign the orders.

Routine COVID and Rapid Flu A&B RSV, SARS CoV-2 PCR specimen collection

1. Arrive/check in the patient (per current state).
2. Open the patient's chart to the appropriate appointment encounter.
3. Review the side bar for **Specimen Collection Needed** for lab(s) due this visit.
4. If no labs are present or for walk in patients, navigate to **Order Review** and release the appropriate lab(s).
5. In the sidebar from **Specimen Collection Needed**
 - a. Select the **Print Label** Task for the order. Refresh the Onc Snapshot report if the labs are not displaying.
 - b. Select the **Order Completion Task** and document the collection date/time.



6. For patients using a QR code sticker for results
 - a. Navigate to **Chart Review** and select the lab order.
 - b. From **Order Reprint Requisition** click on the lab to print a requisition.
7. Create note and use the template **.COVID19SAMPLECOLLECTED** and remove the "drive-up" text from this and add any additional information.
8. Complete any additional charting and close the chart or **Sign Encounter** if applicable (lab visits do not require encounter signing).

Surveillance COVID testing

1. Open the patient's chart to an Orders Only encounter or appointment encounter.
2. In the Visit Taskbar search for *COVID-19 PCR* order.
3. Review the order details and change the Status to **Standing** with the appropriate frequency and number of tests needed.

COVID-19 Coronavirus Qualitative PCR

Status:

Release: Interval: Count:

4. Indicate the start date in the **Sched Inst.**
5. Sign the orders

COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – Phone Call SmartSet

1. Phone Call: Select **Telephone Call** to create a telephone encounter.
2. Complete the **Call Intake** details as appropriate.
3. Enter a **Reason for Call of Lab Draw**.
4. Navigate to **Take Action** and scroll down to **SmartSets**.
5. Select **My Version COVID-19** and **Open SmartSet** and
6. jump to #6. If this is your first time, from **SmartSets** search
7. for and select the **COVID-19** SmartSet.
 - a. Select **Create My Version** and follow the steps below to
8. customize the SmartSet.
 - a. Customize details in the SmartSet as appropriate.
 - b. Reason for visit: leave this blank as this varies by patient.
 - c. Charting: select COVID-19 RN Triage Note.
 - d. Orders: for the Rapid Respiratory Screen, select **Rapid Flu A &B/RSV/SARS-CoV-2**.
9. **OR**
 - a. Labs: select the appropriate lab order.
 - b. Open the order and select the following
 - c. Status to **Future**.
 - d. Expected Start Date: **Today** and check the **Approx.** box.
 - e. Expires: **1 Year**.
 - f. Diagnosis: leave this blank as this varies by patient.
10. h. Select **Accept** to save your version.
11. Add the appropriate **Reason for Visit** and **Diagnosis**.
12. **Patient Instructions** or **LOS** are not needed.
13. Select **Sign** and Associate the Diagnosis.
14. Select the Order mode **Per Protocol: No Cosign Required**.
15. Enter the name of the provider as the **Ordering Provider** field and Accept.
16. In the sidebar, complete the note details.
17. Complete any additional charting.
18. **Sign Encounter**

COVID Testing (includes Rapid Flu A&B RSV, SARS CoV-2 PCR) – In Clinic/Walk In SmartSet and Collection

Arrive/check in the patient (per current state).

1. Open the patient's chart to the appropriate appointment encounter.
2. Navigate to the **Plan** tab and select the **COVID-19** SmartSet.
3. Select **Open SmartSet**.
4. Add the appropriate **Reason for Visit**.
5. Select the **COVID-19 RN Triage Note**.
6. Select the appropriate orders:
 - a) Orders: for the Rapid Respiratory Screen, select **Rapid Flu A & B/RSV/SARS-CoV-2**.
OR
 - b) Labs: select the appropriate lab order.
7. Add the appropriate **Diagnosis**.
8. **Patient Instructions** or **LOS** are not needed.
9. Select **Sign** and Associate the Diagnosis.
10. Select the Order mode **Per Protocol: No Cosign Required**.
11. Enter the name of the provider as the **Ordering Provider** field and **Accept**.
12. In the sidebar, complete the note details.
13. Navigate to **Order Review** and release the appropriate lab(s).
14. In the sidebar from **Specimen Collection Needed**
 - a. Select the **Print Label** Task for the order.
 - b. Select the **Order Completion Task** and document the collection date/time.
15. Navigate to **Chart Review** and select the lab order.
16. From **Order Reprint Requisition** click on the lab to print a requisition.
17. Complete the **COVID-19 RN Triage Note**.
18. In the note, add the collection template **.COVID19SAMPLECOLLECTED** remove the "drive-up" text from this and add any additional information.
19. Complete any additional charting and close the chart or **Sign Encounter** if applicable (lab visits do not require encounter signing).

FAQs and General Information

Hours of Testing and Location of test:

- Location – Only available at South Lake Union (SLU) and Northwest; Evergreen, Peninsula, and Issaquah may collect and send to SLU; Overlake may order as per lab manual.
- Testing is performed upon receipt M-F 6 AM to 9 PM, Weekends/Holidays 7:30 AM to 4:30 PM.
- Tests will run in the order of receipt only.
- Tests remaining at the end of each day will be reordered under NCVQLT (COVID-19 testing) and FLURSV (Flu A & B and RSV testing) and transported via STAT courier to UW Virology prior to closing for the night.

Are community site patients eligible for Rapid COVID/FLU/RSV Respiratory Panel PCR test?

- Only available at South Lake Union (SLU) and Northwest; Evergreen, Peninsula, and Issaquah may collect and send to SLU; Overlake may order as per lab manual.
- Community site providers can order this rapid test per the guidelines in the table on page 1 (see table), **but the patients must travel to South Lake Union clinic to get the test collected.**

Which patients are eligible for Rapid COVID/FLU/RSV Respiratory Panel PCR?

- Non BMT/IMTX patients with new respiratory symptoms. This test may be ordered in symptomatic BMT/IMTX patients if results will impact clinical treatment decision-making within 48hrs.

Which patients are NOT eligible for Rapid COVID/FLU/RSV Respiratory Panel PCR?

- Patients receiving asymptomatic surveillance testing (e.g. BMT/ IMTX)
- Patients undergoing bronchoscopy

Does this test need to be verified by a routine COVID-19 test?

- No, the rapid PCR is sufficient for confirming a COVID-19 positive result.

How are test results communicated to care teams and patients?

- **Positive results:**
 - **Care team is responsible for informing the patient and determining eligibility and arranging therapeutics.** In Epic, the storyboard will automatically reflect the infection. For rapid tests, Alliance lab will call care teams as a courtesy – this is not a critical lab result.
 - On weekends, the Fred Hutch Triage Nurse line (206-606-1866) will communicate positive results to patients and inform them that a provider will review their chart and contact them if eligible for Paxlovid or monoclonal antibodies. Weekend Infusion Providers will evaluate patients for Paxlovid and contact eligible patients with prescription information.
- **Negative test results:**
 - Will automatically appear in chart, and no courtesy call will be made to care teams about negative results.
 - Patients can access the negative result through MyChart.

Are we using different collection materials for the Rapid tests than we use for Routine tests?

- The same swabs and UTM are used for both Rapid and Routine COVID-19 PCR tests.
- NOTE: The rapid testing swab CANNOT be shared with other virology testing. **If you are ordering an extended respiratory panel or other viral testing, you must collect two swabs and place in two different, labeled viral transport media containers.**

What is the turnaround time for the rapid test?

- The expected turnaround time is < 4 hours. However, because Alliance Lab can only process 8 tests/hour, the turnaround time could be longer based on backlog, and how many samples need processing.

What happens if there is a large backlog of rapid tests?

- Samples that have not been processed by 9 PM M-F and 4:30pm S/S/holidays as rapid tests will be sent to UW Virology Lab to be processed as routine PCR tests (therefore resulting will take 24-72 hours.) The rapid test order will be canceled by Alliance Lab and the appropriate UW order will be added by Alliance Lab.
- Alliance Lab can only process 8 rapid tests per hour, therefore there may be a backlog in providing results. Therefore ordering appropriately is critically important – refer to guidelines.