

COVID-19 Testing Summary for Providers

[**DRAFT 1.2**]

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COVID-19 PCR Testing: Indications

Multiple Inpatient, ED, and Ambulatory clinical use cases for RNA PCR ('*Nasal swab*') testing!

1. ED/Inpatient Uses :

- [**Urgent**] Admission Planning to L&D / Psych
- [**Routine**] Admission Planning to Med/Surg, IU, ICU

2. Inpatient Uses :

- [**Routine / Urgent**] Pre-op, pre-procedure, and pre-immunosuppression planning
- [**Routine / Urgent**] Discharge planning (*e.g. to SNF/LTAC*)

3. Ambulatory Uses :

- [**Routine**] SCREENING of ASYMPTOMATIC patients for Pre-Op, pre-procedure, and pre-immunosuppression planning
- [**Routine**] SCREENING of ASYMPTOMATIC Staff/Housestaff/Students (*e.g. for Employment / Employee Fitness purposes*)
- [**Routine**] DIAGNOSIS of SYMPTOMATIC Patients
- [**Routine**] DIAGNOSIS of SYMPTOMATIC Staff/Housestaff/Students

COVID-19 PCR Testing: Order Types

Multiple COVID-19 RNA PCR Tests available :

1. COVID-19 – WRITTEN ONLY → *For creating paper script for collection in an outside agency*
2. COVID-19 – DPH
3. COVID-19 – QUEST
4. COVID-19 – CEPHEID
5. COVID-19 – QUIDEL
6. COVID-19 – JAX
7. COVID-19 – JAX – EXT → *For planned use by State of CT Testing*

COVID-19 PCR Testing: Order Types

Mapping	Usual TAT	Status	Indication
QUEST	3-5 days	Routine	- DIAGNOSIS of SYMPTOMATIC Patients
DPH	24-48 hrs	Routine	- ADMISSION PLANNING: Med/Surg (alternative)
JAX	12-24 hrs	Routine	<ul style="list-style-type: none"> - SCREENING of ASYMPTOMATIC patients for Pre-Op, pre-procedure, and pre-immunosuppression planning - SCREENING of ASYMPTOMATIC Staff/Housestaff/Students - DIAGNOSIS of SYMPTOMATIC Staff/Housestaff/Students - ADMISSION PLANNING: Med/Surg - DISCHARGE PLANNING - PRE-OP, PRE-PROCEDURE
QUIDEL	6-24 hrs	Routine	- To be used for employee testing
CEPHEID	3 hrs	Urgent	<ul style="list-style-type: none"> - ADMISSION PLANNING: Psych, L&D - PRE-OP, PRE-PROCEDURE - DISCHARGE PLANNING

COVID-19 PCR Testing: Order Types

Mapping	Usual TAT	Status	Indication	Infection Header
QUEST	3-5 days	Routine	- DIAGNOSIS of SYMPTOMATIC Patients	R/O COVID-19 – Contact and Airborne Precautions
DPH	24-48 hrs	Routine	- ADMISSION PLANNING: Med/Surg (alternative)	R/O COVID-19 – Contact and Airborne Precautions
JAX	12-24 hrs	Routine	- DIAGNOSIS of SYMPTOMATIC Staff/Housestaff/Students - ADMISSION PLANNING: Med/Surg - PRE-OP, PRE-PROCEDURE	R/O COVID-19 – Contact and Airborne Precautions
			- SCREENING of ASYMPTOMATIC patients for Pre-Op, pre-procedure, and pre-immunosuppression planning - SCREENING of ASYMPTOMATIC Staff/Housestaff/Students - DISCHARGE PLANNING	
QUIDEL	6-24 hrs	Routine	- To be used for employee testing	
CEPHEID	3 hrs	Urgent	- ADMISSION PLANNING: Psych, L&D - PRE-OP, PRE-PROCEDURE	R/O COVID-19 – Contact and Airborne Precautions
			- DISCHARGE PLANNING	

COVID-19 IgG Serologic Testing

Eligible patients

- Symptomatic patients > 14 days with negative SARS-CoV-2 PCR test(s) in the setting of a highly suggestive clinical presentation.
- Evaluate potential convalescent plasma donors.

How to Order

- Order name = “SARS-CoV-2 IgG Antibody”
- Find with search under order entry using “SARS”, “COV”, “COV-2”, “COVID”, “COVID-19” and “Coronavirus”

TAT = 24 hours

COVID-19 Testing: New tools!

AMBULATORY SMARTSET – To address :

- Routine SCREENING Pre-op, pre-procedure, and pre-immunosuppression
Routine SCREENING of ASYMPTOMATIC Staff/Housestaff/Students via
QUIDEL
- Routine DIAGNOSIS of SYMPTOMATIC Patients via QUEST
- Routine DIAGNOSIS of SYMPTOMATIC Staff/Housestaff/Students via JAX
- Serological IgG Antibody testing (*e.g. for screening potential plasma donors and for patients with >14d strong clinical symptoms and negative RNA PCR testing*)

INPATIENT/ED ORDER SET – To address :

- ADMISSION PLANNING
- INPATIENT Pre-Op, Pre-procedure, and Pre-Immunosuppression Testing
- DISCHARGE planning

PREP FOR CASE – To address :

- Surgeons/Proceduralists ordering **JAX testing**