

Coronavirus
SARS-CoV-2
2019
Diagnostic
Priority

Orderable – GXRVP

Turnaround Time: 4 hours

Alternate Name(s):

GeneXpert
Priority PCR COVID-19 Testing
GXRVP

Specimen Type and Collection Information:

For special use ONLY - Only one priority sample will be processed per patient within a 48-hour period.

This test is indicated to support urgent bed access and flow decisions.



Laboratory:
Microbiology



Requisition:
Electronic order



Method of Analysis:
Polymerase Chain
Reaction (PCR)



Test Schedule:
Daily

Specimen Type	Collection Information
Nasopharyngeal Swab	Insert flexible, fine-shafted swab into nasopharynx, rotate in circular manner to collect cellular material. Place swab in viral transport media.

Special Processing:

As of November 12th 2021, Variants of Concern (VOC) screening of positive SARS-CoV-2 specimen have been discontinued. Surveillance will continue to be done by whole genome sequencing by the Provincial Laboratory Network.

Individual whole genome sequencing investigation is indicated in the following cases:

1. International travel
2. Vaccinated individuals with confirmed infection >14 days after receipt of second vaccine dose
3. Outbreak or suspected super spreader event (maximum of 2 specimens per outbreak/event)

Please contact the Microbiologist On-Call (pager 19000) in any of the above scenarios

Comments:

This is a standard PCR equivalent test with PCR level sensitivity.

Storage and Shipment:

Specimen must be received within 24 hours and should be stored at 4°C as soon as possible following collection. If the transport time exceeds 24 hours, the specimen will only be tested if appropriate.