

CLINICAL MICROBIOLOGY

SARS-CoV-2/Influenza A & B/RSV Quadruplex GeneXpert Testing Available for Symptomatic Hospital Inpatients**Date effective: November 21, 2022****Background Information:**

On November 21, 2022, Shared Health Laboratories at the Health Sciences Centre, St. Boniface Hospital, Grace Hospital, Selkirk Regional Health Centre, Portage District Regional Health Centre, Bethesda Regional Health Centre, Boundary Trails Regional Health Centre, Dauphin Regional Health Centre, St. Anthony's General Hospital (The Pas), Swan River Health Centre, Thompson General Hospital, Churchill Health Centre, and Westman Laboratory will begin testing all nasopharyngeal (NP) swabs received for respiratory virus testing (from qualifying patient groups – see below) using the GeneXpert Quadruplex PCR test which identifies SARS-CoV2, influenza A, influenza B, and RSV.

The patients to be tested by Shared Health Laboratories using the GeneXpert Quadruplex PCR cartridge will remain the same as those patients currently tested for SARS-CoV-2 (<https://sharedhealthmb.ca/files/covid-19-testing-table.pdf>), specifically:

- Symptomatic patients **admitted to hospital**
- Symptomatic patients in the Emergency Department, Urgent Care Centre, or Obstetrical Triage **that will be admitted to hospital (patient status must be confirmed and Attending Physician assigned)**
- Asymptomatic patients in ICU/NICU (all applicable sites) and GD6 (at HSC)
- Asymptomatic organ transplant patients (donors and recipients pre-transplantation)

NP swabs from other patient groups cannot be tested by GeneXpert at Shared Health laboratories and shall be sent to CPL for testing.

Shared Health results for SARS-CoV-2 will appear in eChart under the “Labs” tab and in EPR (where available) under the Microbiology heading in the “Results” tab, while results for Influenza A, Influenza B, and RSV will appear in eChart under the “Clinical Documents” tab and in EPR (where available), also under the Microbiology heading in the “Results” tab. Please note that Cadham Provincial Laboratory results for SARS-CoV-2, Influenza A, Influenza B, and RSV all appear in eChart under the “Labs” tab and do not appear in EPR.

Contact Information:

Dr. James Karlowsky, Medical Director, Clinical Microbiology, Shared Health, 204-237-2105,

jkarlowsky@sharedhealthmb.ca

Joelle Carlson, Technical Director, Clinical Microbiology, Shared Health 204-237-2073,

jcarlson@sharedhealthmb.ca