

COVID-19: INDICATIONS FOR TESTING AND CLINICAL DECISION-MAKING ALGORITHMS¹

TYPES OF TESTS RECOMMENDED ACCORDING TO THE PATIENT'S SITUATION

(regardless of the recommended test, a positive result to any of these tests indicates infection that does not require confirmation)

INDICATIONS TO TEST FOR COVID-19 ²	Patient's situation	TDAR q 48h x2 ³	ID NOW	PCR	Lucira
Patient in health-care setting	Patient admitted to acute care or residential resource, including family escort, according to rules in effect at your institution	X	✓ ⁴	✓	X
	Medevac	X	✓	✓	✓
Person over 6 months old with COVID-19 symptoms	Health worker with COVID-19 symptoms	X	✓	✓	✓
	Outpatient for whom treatment for COVID-19 is planned	X	✓	✓	X
	Immunodepressed or vulnerable patient	X	✓	✓	X
	Outpatient with COVID-19 symptoms	✓	✓	✓	✓
Directives from Public Health or MSSS	User or worker from a location experiencing an outbreak, upon recommendation of Public Health	X	✓	✓	X
	Patient travelling to MUHC: test performed at Ullivik (see memo from IHC dated 2023-02-23 concerning COVID-19 predeparture tests for users travelling to Ullivik, placed in toolkit for COVID-19 and respiratory infections)	X	✓	✓	✓
	Other recommendations	According to directive			
No longer an indication for testing	Asymptomatic individual who was in contact with a COVID-19 case	X	X	X	X

TYPES OF TESTS FOR COVID-19 AVAILABLE IN NUNAVIK

Site	Tests		Platforms in Nunavik	Sensitivity	Specificity	Use in Nunavik	Advantages	Limits
Lab	PCR - NAAT lab		GeneXpert BD Max	Very high	Very high	Health network	Reliability Volumes	Shipping
Outsourced	Rapid tests	Molecular test	ID NOW	High	Very high	Health network	Rapidity Outsourced	HR
		Rapid AG test (TDAR) ¹²	Panbio ^{MD} BD Veritor ^{MD} BTNX ^{MD}	Average	High	Self test	Accessibility Rapidity	Limited sensitivity Test performed without quality control
		Rapid PCR	Lucira ^{MD}	Very high	High	Self test	Reliability Rapidity	Price Test performed without quality control

MANAGEMENT OF RESULTS⁵

Results	Invalid	Negative		Weak positive	Positive
PCR - NAAT lab	Repeat test if still indicated	Individual not considered infectious		Repeat in 24-48 hours if new infection is suspected or in situation of vulnerability	Individual considered infectious ⁶
ID NOW ^{MD}	Repeat test if still indicated	Health-care setting	ID NOW ^{MD} AND negative lab result for PCR-NAAT both necessary to conclude that individual is not infectious	N/A	
		Community setting	Individual not considered infectious		

¹ Different recommendations apply to health workers and to hospitalized patients. Refer to your PCI and the following links: [SRAS-CoV-2 : Gestion des travailleurs de la santé en milieu de soins \(inspq.gc.ca\)](https://www.inspq.gc.ca/fr/sras-cov-2-gestion-des-travailleurs-de-la-sante-en-milieu-de-soins), [SRAS-CoV-2 : Mesures de prévention et contrôle des infections en présence d'un cas suspecté ou un cas de COVID-19 en milieu de courte durée, de longue durée, de réadaptation et de santé mentale \(inspq.gc.ca\)](https://www.inspq.gc.ca/fr/sras-cov-2-mesures-de-prevention-et-contrôle-des-infections-en-présence-d'un-cas-suspecté-ou-un-cas-de-covid-19-en-milieu-de-courte-durée-de-longue-durée-de-réadaptation-et-de-santé-mentale)

² An individual who is not Immunodepressed and who had C-19 during the past two months is considered protected and does not need to repeat the test.

³ TDAR is not recommended for an asymptomatic individual. TDAR must be repeated after 48 hours if the first test was negative.

⁴ A negative result to ID NOW must always be accompanied by PCR in these situations. A positive result to ID NOW does not require a test for confirmation.

⁵ Regardless of whether the result is positive or negative, if an unusual cough persists \geq three weeks, consider tuberculosis.

⁶ Refer an infectious individual to <https://www.quebec.ca/sante/> or 811. The health worker must contact the health bureau. The institution's PCI must be contacted for a hospitalized patient.