## **TYPES OF CORONAVIRUS (COVID-19) TESTS**

Last Updated: Aug. 31, 2023

TEST TYPE	NAAT (e.g., PCR)		ANTIGEN TEST	
	<u>NAAT</u> : Nucleic Acid Amplification Test <u>PCR</u> : Polymerase Chain Reaction, a type of NAAT test		Antigen: a substance that causes your immune system to produce antibodies against it	
Purpose of test:	Identify a SARS-CoV-2 infection (COVID-19)			
What it detects:	RNA or DNA Nuclear Envelope	Genetic material from the virus (RNA)	SARS-COV2 spike protein  SABS-COV2  SABS-COV2  Neutralizing Antibody	Proteins on the surface of the virus
How it's collected:		In most cases, nasal swab, throat swab or saliva		In most cases, nasal or throat swab
Speed of results:	X	Usually 24-72 hours, depending on lab capacity	Q	Usually 15-30 minutes
Convenience:	2	Requires trained personnel and laboratory analysis for test results		Instant test results can be read at home, school, or child care
	Identify COVID-19 infection		Rapidly identify active COVID-19 infection	
When it's most useful:	The test is so sensitive that an individual may continue to test positive for up to 90 days after infection, so it is not recommended for anyone who has recently had COVID-19		If an individual recently had a COVID-19 infection, the antigen test can help to determine when they no longer have an active infection	
	NAAT (e.g., PCR) tests are more sensitive than antigen tests. When an individual has symptoms of COVID-19, it is recommended to confirm a negative antigen test result with a negative NAAT (e.g., PCR) test result		Antigen tests are less sensitive than NAAT (e.g., PCR) tests. When an individual has symptoms of COVID-19, it is recommended to confirm a negative antigen test result with a negative NAAT (e.g., PCR) test result	
How test results are shared with schools and child care facilities:	If the individual is tested outside of a school or child care sponsored testing program (e.g., an individual is tested at home or a healthcare facility), the individual should immediately report any positive test result directly to the school or child care facility and follow any instructions that are provided by the school or facility			

Contact your health care provider or local pharmacy that offers COVID-19 testing services or sells COVID-19 test kits.





