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Who We Are

Gene Bio Medical, founded by a group of visionary scientists, practitioners, and business experts, is a pioneering force in molecular diagnostics. We specialize in high-precision, cost-effective diagnostic technologies that advance healthcare and combat various diseases.

Swiftswab Covid-19 Antigen Self Test

SwiftSwab is a fast, accurate, and affordable Canadian-made home test kit that has the capacity to detect Omicron and Delta variants in just 15 minutes. The over-the-counter test has been authorized for distribution by Canadian health authorities on Aug.9, 2022. IO: 348414

The Belgium Department of Laboratory Medicine and Department of Pharmacy conducted research, collecting 60 positive specimens during the "Delta" wave (December 1st to December 5th) and 60 during the Omicron wave (January 1st to January 6th) at Clinique Saint-Pierre, Ottignies, Belgium.

Among these 120 samples, 46 were confirmed as Omicron variant, and 70 as Delta variant through whole-genome sequencing (WGS). Two independent test personnel evaluated 5 commonly used Covid-19 Antigen detection reagents (RAD) for Omicron and Delta variants.

Gene Bio Medical's Covid-19 Antigen Test Card emerged as the top performer among the 5 products validated by Belgium, affirming its analytical excellence. See the table below for sensitivity details.

Population	Variant	Assay 1	Assay 2	Gene Bio Medical	Assy 3	Assy 4
Ct ≤ 25	Delta (n=45)	95.6%	95.6%	97.8%	97.8%	95.6%
	Omicron (n=33)	94.1%	97.1%	97.1%	91.2%	97.1%
Ct > 25	Delta (n=25)	32.0%	40.0%	40.0%	20.0%	36.0%
	Omicron (n=13)	0.0%	7.7%	23.1%	0.0%	7.7%

Product Information

Brand: Gene Bio Medical Time to Result: 15 Minutes
 Sample Collection: Nasal Storage: 2-30°C/36-86°F
 Intend: OTC/Home Use Self Life: 18 months

	1 Test/kit	2 Tests/kit
Kit Size	155*60*15mm	155*60*17mm
Carton Size	330*330*400mm	330*330*460mm
Gross Weight	7.8kg	10.2kg
Quantity	250 tests/carton	500 tests/carton

