

Detect the omicron variant!

Since the SARS-CoV-2 virus first emerged in Wuhan, China in late 2019, its genetic material has experienced numerous changes, some of which have altered how easily it is transmitted, the severity of disease it causes and the performance of COVID-19 vaccines, diagnostics and treatments against it.

Omicron was rapidly identified in numerous countries in November 2021, after South African scientists alerted the WHO to a sudden increase in COVID-19 cases in Gauteng province, coinciding with the variant's detection.

Omicron has a large number of mutations, some of which are concerning. These include **N501Y**, **D614G**, **K417N** and **T478K** mutations, which are also found in other variants of concern, plus many others which have not yet been characterised.

- ▶ **VIASURE SARS-CoV-2 Variant I Real Time PCR Detection kit can be used for the identification of N501Y & K417N as screening of Omicron variant.**

Variants of Concern (VOCs)	VIASURE SARS-CoV-2 Variant I			
	E484K	K417N	K417T	N501Y
Alpha				●
Beta	●	●		●
Gamma	●		●	●
Delta		●		
Omicron		●		●