

Detection Kit for 2019-nCoV Omicron Variant (PCR-Fluorescence)

Intended Use

This kit is used for the in vitro qualitative detection of 2019 novel coronavirus (2019-nCoV) Omicron variant in the oropharyngeal swabs, nasopharyngeal swabs and sputum specimens of suspected COVID-19 patients, clustering cases and others needing diagnosis or differential diagnosis for 2019-nCoV.



Features



Targets: 3 mutation sites & 1 conserved gene



Endogenous internal control



UDG enzyme to control contamination in PCR

About Omicron



On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, named Omicron, on the advice of WHO's TAG-VE, which can cause severe disease or death, in particular for the most vulnerable people, and thus prevention is always key. Preliminary evidence suggests there may be an increased risk of reinfection with Omicron, as compared to other variants of concern. The widely used PCR tests continue to detect infection, including infection with Omicron.

Reference: <https://www.who.int/news/item/28-11-2021-update-on-omicron>

Specifications

Target	K417N, E484A, P681H, ORF1ab
Sample type	Oropharyngeal swabs, nasopharyngeal swabs, sputum
LOD	200 copies/mL
Storage and shelf life	-20±5°C, 12 months
Internal control	RNase P gene, effectively prevent false result
Compatible instrument	ABI7500, AGS4800

Order Information

Description	Cat. No	Specification(Tests/Kit)
Detection Kit for 2019-nCoV Omicron Variant (PCR-Fluorescence)	DA1220	Large package, 24 tests/kit
	DA1221	Large package, 48 tests/kit

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