




2019-nCoV Delta Variant Detection Kit (PCR-Fluorescence Probing)

Intended use

This kit is intended for in vitro qualitative detection of S gene mutations L452R, T478K, and P681R in 2019-nCoV Delta Variant in the oropharyngeal swabs, nasopharyngeal swabs, and saliva specimens from suspected pneumonia cases infected by novel coronavirus, clustered cases and others needing diagnosis for novel coronavirus to identify 2019-nCoV Delta variant.



Features

-  Endogenous internal control
-  UDG enzyme to control carry-out contamination in PCR
-  Mutations L452R, T478K, and P681R in the 2019-nCoV Delta Variant S gene identification



One-stop Solution



Results

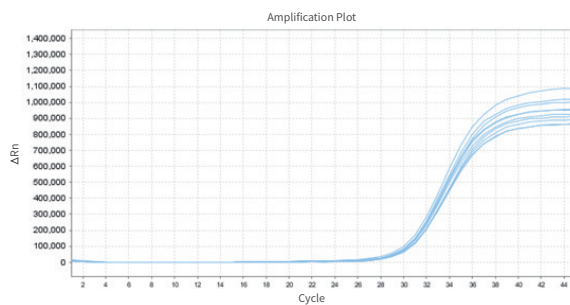


Fig.1. Precision of L452R mutation sites

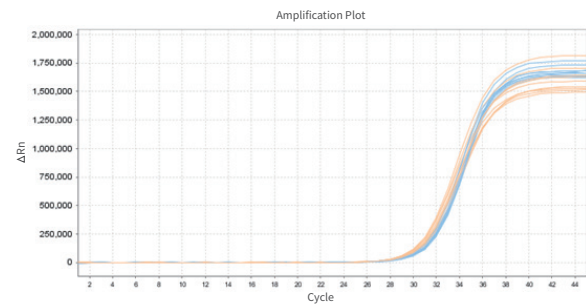


Fig.2. Precision of P681R mutation sites and ORF1ab

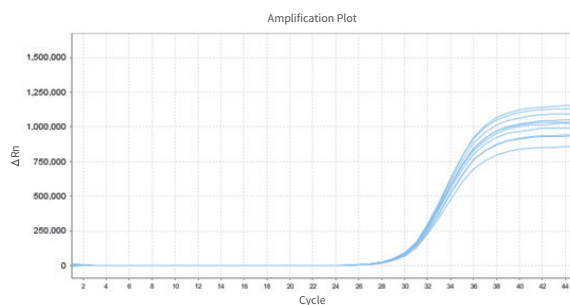


Fig.3. Precision of T478K mutation sites

Specification

Sample type	Oropharyngeal swabs, nasopharyngeal swabs and saliva
Target	2019-nCoV Delta Variant S gene (mutations L452R, T478K, and P681R) and ORF1ab gene
Qualitative/quantitative	Qualitative
LOD	500 copies/mL
Precision	CV < 5%
Storage and shelf life	-20±5°C, 12 months
Method	One-step RT-PCR
Compatible instruments	ABI 7500, AGS4800

Order Information

Description	Cat. No	Specification(Tests/Kit)
2019-nCoV Delta Variant Detection Kit (PCR-Fluorescence Probing)	DA1160	Large package, 48 tests/kit
	DA1161	Large package, 96 tests/kit

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